EMERGENCY PLAN

NewingtonEnergy, LLC

December 2007

Newington, New Hampshire

Facility Manager	T. Fallon	Work - (603) 766-1880-102 Home - (207) 384-4857	Cellular (603) 767-3575
EH&S Manager	D. Argyros	Work - (603) 766-1880-109 Home - (603) 642-9992	Cellular (603) 531-9779
Operations Manager	C. Harrison	Work - (603) 766-1880-116 Home - (207) 571-8430	Cellular (207) 229-5435
Maintenance Manager	M. Uhlar	Work - (603) 766-1880-115 Home - (603) 343-4257	Cellular (603) 320-4250
Power Plant Operator		(603) 766-1880-123 Emergency Line (603) 436-2459	

FIRE EMERGENCY	**911 or (603) 436-9441**
MEDICAL EMERGENCY	**911 or (603) 436-5110**
CALL NATIONAL RESPONSE CENTER	**(800) 424-8802**
NH DES - 24 HOUR	**(603) 271-3644**
EPA REGION I - 24 HOUR	**(888) 372-7341**

Prepared for:
General Electric Contractual Services
200 Shattuck Way
Newington, NH 03801
Phone (603) 766-1880 Fax (603) 766-1886

Prepared by:

TRITON ENVIRONMENTAL, INC.
Environmental Consulting & Engineering

385 Church Street, Suite 201
Guilford, CT 06437
Phone: (203) 458-7200 Fax: (203) 458-7201

Ref. No. 102692 ERAP

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Newington Energy - EMERGENCY PHONE #'s (Yellow Pages)

Response Team Contact List

ICP Role	Name/Title	Response Time	Training [1] (Hours/Hazwoper)	Work Phone	Home Phone	Cell
Communications Coordinator	Power Plant Operator	60 minutes	24 Hrs/ Hazwoper	603-766-1880 x123	NA	NA
Incident Commander (1st)	D. Argyros - EH&S Mgr.	60 minutes	24 Hrs/ Hazwoper	603-766-1880 x109	603-642-9992	603-531-9779
Incident Commander (2nd)	T. Fallon - Facility Mgr.	60 minutes	24 Hrs/ Hazwoper	603-766-1880 x102	207-384-4857	603-767-3575
Incident Commander (3rd)	C. Harrison - Operation Mgr.	60 minutes	24 Hrs/ Hazwoper	603-766-1880 x116	207-571-8430	207-229-5435
Incident Commander (4th)	M. Uhlar - Maintenance Mgr.	60 minutes	24 Hrs/ Hazwoper	603-766-1880 x115	603-343-4257	603-320-4250
Emergency Coordinator (1st)	D. Argyros - EH&S Mgr.	60 minutes	24 Hrs/ Hazwoper	603-766-1880 x109	603-642-9992	603-531-9779
Emergency Coordinator (2nd)	T. Fallon - Facility Mgr.	60 minutes	24 Hrs/ Hazwoper	603-766-1880 x102	207-384-4857	603-767-3575
Qualified Individual	T. Fallon - Facility Mgr.	60 minutes	24 Hrs/ Hazwoper	603-766-1880 x102	207-384-4857	603-767-3575

[1] - Some operations staff have received 40 Hr Hazwoper training. All operations staff has received at least 24 Hr Hazwoper training. Most staff has previous power plant experience and training.

Chain of Command Responsibilities

TEAM MEMBER	TEAM RESPONSIBILITY	RESPONSE TIME (Minutes)	CONTACT INFORMATION	
			WORK	HOME
D. Argyros, T. Fallon, C. Harrison	Coordinator/ Command	60 minutes	603-766-1880, ext. 109, 102, 116	603-642-9992, 207-384-4857, 207-571-8430
D. Argyros, T. Fallon, C. Harrison	Operations	60 minutes	603-766-1880, ext. 109, 102, 116	603-531-9779, 207-384-4857, 207-571-8430
D. Argyros, T. Fallon, C. Harrison	Planning	60 minutes	603-766-1880, ext. 109, 102, 116	603-531-9779, 207-384-4857, 207-571-8430
D. Argyros, T. Fallon, C. Harrison	Logistics	60 minutes	603-766-1880, ext. 109, 102, 116	603-531-9779, 207-384-4857, 207-571-8430
T. Fallon - Facility Mgr.	Finance	60 minutes	603-766-1880, ext. 102	207-384-4857

Emergency Response Contractors/Co-Op

Contractor/Co-Op	Phone	Response Time	Contract Responsibility
United Oil	888-276-0885	1 Hour or less	OSRO (Primary)
Clean Harbors	603-224-6626	1 Hour or less	OSRO (large spill to water)
Piscataqua Co-Op	603-430-7208	1 Hour or less	OSRO
Portsmouth Harbor Towing	603-436-0915	1 Hour or less	Waterside Response

Other Phone Numbers and Contacts

GECS Off-Site Resources		
ICP Role	**Name/Title**	**Telephone #'s**
O&M Region Manager	M. Childs	781-393-5211 (Work)
NE Region EH&S Mgr.	R. Frizzle	603-767-2515 (Work)
GECS EH&S Mgr.	K. Chang	678-844-4645
Legal Counsel	E. Falso	770-859-7383
GEPS Air Program Lead	D. Schultz	518-385-9792
GEPS Water Program Lead	D. Schultz	518-385-9792
GEPS Waste Program Lead	D. Gaspari	714-572-8732

Fire Departments		
ICP Role	**Name/Title**	**Telephone #'s**
Ambulance/Fire	Newington, NH - EMS	9-1-1 603-436-9441
Ambulance/Fire	Portsmouth, NH - EMS	9-1-1 (603-427-1500
Ambulance/Fire	Kittery, ME - EMS	9-1-1 207-439-2262
Ambulance/Fire	New Castle, NH	9-1-1 603-436-2515
Ambulance/Fire	Durham, NH	9-1-1 603-868-5531
NH Fire Marshall	Concord, NH	603-271-3294

Security		
ICP Role	**Name/Title**	**Telephone #'s**
Police	Newington, NH	9-1-1 603-436-7033
Police	Portsmouth, NH	9-1-1 603-436-2145
State Police - NH	New Hampshire State Police	9-1-1 603-679-5663
State Police - ME	Maine State Police	9-1-1 207-439-1141
FBI	Boston, MA (Sabotage & Terrorism)	617-742-5533
FBI	Portsmouth, NH	603-431-4583
FBI	Portsmouth, NH – Senior Resident Agent	603-472-2224
US Marshall's Service	NH Branch	603-225-1632

Hospitals		
ICP Role	**Name/Title**	**Telephone #'s**
Hospital (1st) Portsmouth, NH	Portsmouth Regional Hospital	603-436-5110
Hospital (2nd)Dover, NH	Wentworth Douglass	603-742-5252
Hospital (3rd)Exeter, NH	Exeter Hospital	603-778-7311

Nearby Industries & Residences		
ICP Role	**Name/Title**	**Telephone #'s**
North of Site - Industry	Sea 3 - LPG Dist.	603-431-5990
North of Site - Industry	Sprague Energy - Fuel/Oils	603-431-6000
North of Site - Rail Road Track	Guilford Ind. - RxR	978-663-9310
West of Site - Industry	Georgia Pacific - Mfg.	603-433-8000
West of Site - Industry	Westinghouse - Mfg.	603-433-1000
South of Site - Commercial	NoEast Surgical Center	603-431-5593
South of Site - Commercial	Mareld Assoc. - Mixed use	Vacant
South of Site - Commercial	Hauch Storage - Warehouse	603-431-2749
East of Site - Residence	Yeaton Residence	603-436-4642
East of Site - Residence	Beebe Residence	603-431-5868
East of Site - Residence	Labrie Residence	

Marine Emergencies		
ICP Role	**Name/Title**	**Telephone #'s**
US Coast Guard	Portsmouth Harbor Station	603-436-4414
US Coast Guard	Marine Safety - New Castle, NH	603-433-7324
US Coast Guard	Marine Safety - Portland, ME	207-780-3251
US Coast Guard	To Report Spills	800-321-6742
Portsmouth Port Authority	Harbor Master	603-424-8802

Federal #'s		
ICP Role	**Name/Title**	**Telephone #'s**
OSHA	To report serious injuries	800-321-6742
EPA Region 1	To Report Spills	888-372-7341
National Response Ctr.	Spill to River	800-424-8802
ChemTrec	Chemical Information	800-424-9300

State of NH #'s		
ICP Role	**Name/Title**	**Telephone #'s**
NH Dept of Env. Services	Hazardous Materials Spills	603-271-3899
NH Dept of Env. Services	Temporary Hazardous Waste ID #	603-271-2921
NH Dept of Env. Services	Oil Spill Response	603-271-3644
NH Dept of Env. Services	Off-Hours - State Police	800-346-4009
NH Dept of Env. Services	Spills to Water Supply	603-271-0655
NH Dept of Env. Services	Waste Water Spills (Sewer)	603-271-2001
NH Dept of Env. Services	Air Resources - Air Emissions	603-271-1370
SERC	To Report Spills	603-439-9441

Sensitive Area Trustees #’s		
ICP Role	**Name/Title**	**Telephone #'s**
Trustee	Audubon Society of New Hampshire	603- 224-9909
Trustee	Ducks Unlimited	800-453-8257

Town of Newington #'s		
ICP Role	**Name/Title**	**Telephone #'s**
Newington Water Treatment	Spills to Sanitary Sewer System	603-431-4111
Newington Water Supply	Spills to Water Supply	603-427-1530 (day) 603-427-1552 (evening)
Newington DPW	Town Garage - Snow Plow	603-436-6829
LEPC	To Report Spills	603-436-5737

Other #'s		
ICP Role	**Name/Title**	**Telephone #'s**
Local TV/Radio for Evacuation		911
Weather Report Phone Number		603-742-2511

1.0 INTRODUCTION

The NEL Power Project is a 525 MW gas fired combined cycle power plant located at 200 Shattuck Way in Newington, NH. The facility is approximately 1000 feet from the Piscataqua River in a mixed zone area. The NEL Facility is to be owned and operated as a merchant power facility using state-of-the-art technology and environmental controls that provide extremely high operational efficiency and low air emissions. Through the use of natural gas and low sulfur No. 2 Fuel Oil (distillate) as a backup fuel, the facility will generate enough power to supply 700,000 homes in New England.

General Electric Contractual Services (GECS) is under an Operations and Maintenance (O&M) contract to operate and maintain this facility for NEL. GECS will have personnel on site full time and NEL will have a representative dedicated to the site but will only be on site on an as needed basis.

This Emergency Response Action Plan (ERAP) has been structured to exist as a separate document that may be used to actively respond to an emergency incident, however the majority of this document was developed in conjunction with the facility Integrated Contingency Plan (ICP). This document is Section II of the ICP and has been developed to meet the requirements for an ERAP for the EPA Facility Response Plan (40 CFR 112). This ERAP includes the most critical information to respond to an emergency incident:

- Emergency Phone Number;
- Discussion of Response Activities; and
- Facility Maps and Appendices (including specific Emergency Procedures (ERP-00 through ERP-010)).

2.0 DISCOVERY

The objective of Procedure ERP-00, Incident Discovery is to describe the appropriate response actions to take when an observed or potential incident is initially identified at the Newington Energy facility. The person detecting an incident can provide immediate action to either facilitate subsequent response actions, or resolve the incident. A flowchart describing these actions is provided and described in ERP-00, Incident Discovery. This procedure shall be followed by all personnel at Newington Energy.

2.1 Initial Response

The following procedures have been developed to address initial response at the Newington Energy, LLC and have been included in Appendix A of this ICP:

ERP-00 - Incident Discovery

ERP-01 - Incident Assessment

ERP-02 - Medical Emergency Procedure

ERP-03 - Emergency Evacuation Procedure

ERP-04 - Fire and/or Explosion Procedure

ERP-05 - Spill/Release Procedure

ERP-06 - Security Disturbance, Bomb Threat Procedure and, Suspicious Mail/Packages

ERP-07 - Utility Failure Procedure

ERP-08 - Severe Weather Procedure

ERP-09 - Anhydrous Ammonia Release Procedure

ERP-010 - Civil Strife and Sabotage/Terrorism Threat Procedure

2.1.a Procedures for internal and external notifications

Internal notifications are completed as described in ERP-00, Incident Discovery and the associated flow diagram included in ERP-00 (Figure 1). Employee notification for evacuation, specifically related to alarm systems, is described in ERP-03, Emergency Evacuation Procedure. Notification and evacuation of the public in the event of an anhydrous ammonia release is described in ERP-09, Anhydrous Ammonia Release Procedure.

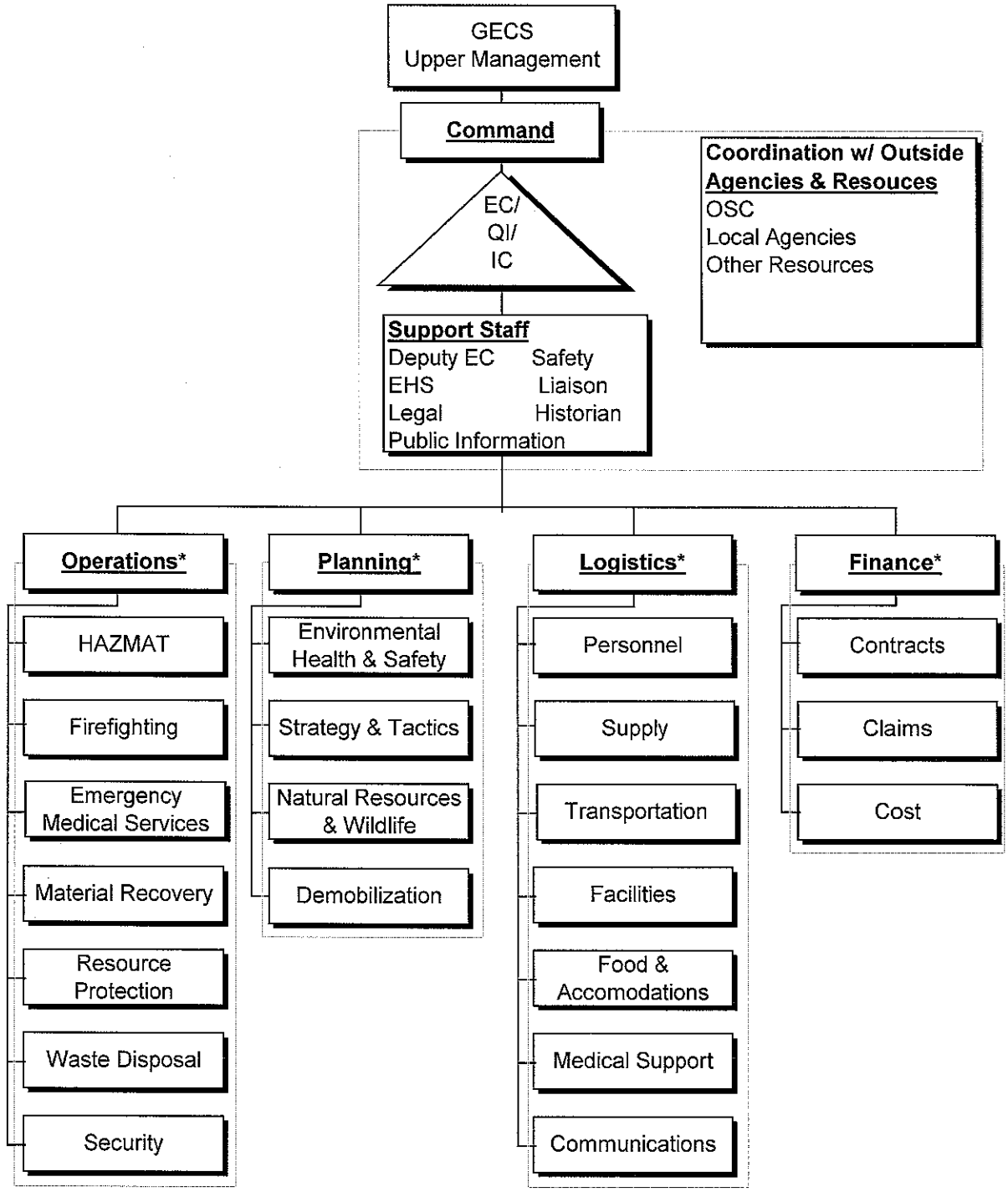
External verbal and written notifications are completed as specified in the Reporting and Notification Requirements Table identified in Appendix B of this ICP.

2.1.b Establishment of a response management system

The response management system for Newington Energy is provided in the organization chart on the following page (Response Management System). The system specifies emergency responsibilities at the facility. This involves the development of an incident/emergency response organization and action plan to address small and large spill/release incidents and non-spill emergencies at this facility.

The response management system is put into action upon discovery of an emergency situation as described in Procedure ERP-00, Incident Discovery.

Response Management System



*Names/numbers for personnel designated for these roles can be found in the Emergency Phone Numbers

2.1.c Procedures for preliminary assessment of the situation.

Procedure ERP-01, Incident Assessment provides detailed instructions and information related to preliminary assessment of emergency incidents.

2.1.d Procedures for establishment of objectives and priorities

This section of the Integrated Contingency Plan identifies the objectives and priorities for specific types of emergencies at the facility. Objectives will be determined by the Incident Commander upon notification of an incident. The following general objective will be established for all response activities:

- "To complete emergency response activities as quickly and as safely as possible to minimize damage to the environment and property while ensuring the safety of the public and plant personnel."

More specific objectives will be defined by the Incident Commander as actions are implemented as described in ERP-05, Spill/Release Procedure.

In all emergency incidents, regardless of the quantity or type of chemical released, the following general priorities will be established for all response activities:

- First - Protect Public and Plant Personnel;
- Second - Protect the Environment; and
- Third - Protect the Plant Property.

Detailed prioritization will occur as actions are implemented as described in ERP-05, Spill/Release Procedure.

2.1.d.1. Immediate goals/tactical Planning

The immediate goals for the incident response are described above in "objectives and priorities". Tactical planning occurs during the implementation of response activities outlined in ERP-01, Incident Assessment.

2.1.d.2. Mitigating Actions

The Emergency Response Procedures (ERP's) are to be used to determine mitigating actions to be taken based on the type and magnitude of the incident.

2.1.d.3. Identification of resources required for response

See the "Yellow Pages" at the beginning of this section for the listing of available resources (personnel) and Appendix C of this ICP for a list of available materials, quantities and locations for emergency response.

2.1.e Procedures for implementation of tactical plan

The tactical plan is established in the ERP's (primarily in ERP-01, Incident Assessment). Implementation is based on training on the plan and established procedures, communications both internal and external, and utilizing the response management system described above.

2.1.f Procedures for mobilization of resources

Pre-planning is the key to mobilization of resources. All plant personnel are trained in the use of the ERP's, the "Yellow Pages" and resources lists. Off-site resources (Newington Fire, OSRO Contractor, and other critical resources) have been notified, consulted or contracted with prior to the need for their services.

2.2 Sustained Actions

Longer term emergency responses generally transition into diverse mitigation strategies and recovery operations. These longer-term actions rely heavily on extended support functions such as lighting, heating, additional supplies, catering of food, rotation of staffing. These functions are addressed in the supplies/resources section of the ICP as well as phone numbers and contacts for additional support. Additionally the ERPs presented in the tabbed areas identify the general procedures and/or actions to be taken for a particular emergency. However, the Incident Commander is responsible for developing an emergency-specific response plan appropriate to the nature and complexity of the emergency.

Once the emergency response actions are underway, further assessment by the Incident Commander or his/her designee is required to ensure that the course of action selected is the best possible. An on-going assessment should be performed to ensure that:

- The initial assessment of the emergency was accurate.
- The emergency response procedure is working effectively.
- Hazards to personnel, the public and the environment are being controlled.

Questions to be answered by the on-going assessment address four key areas:

The Public and Plant Personnel

Is a material being released or potentially being released in quantities likely to affect the public or plant personnel?

How soon might they be at risk?

Should they be evacuated or sheltered?

What areas of the plant or community are at risk (direction and distance)?

The Environment

Is material being released or potentially released in exceedance of reportable quantities?

Can the release be contained, diverted or reduced to minimize possible environmental impact?

Plant Property

Is the emergency likely to spread to other areas (and, if so, how soon)?

Will the hazard affect plant utilities or systems needed for safe operation?

How soon can processes be shut down, and how must this be coordinated?

Emergency Response Actions

Is there anything now known about the current status of the emergency that conflicts with the magnitude or nature of a previous assessment?

Are the current actions effectively mitigating the hazard?

Is there any additional course of action, or any additional resource, which would significantly improve the effectiveness of the action plan?

The on-going assessment is a critical tool to evaluate the current status of the response, and to keep the response actions focused on the best approaches to mitigate the emergency.

2.3 Termination and Follow-Up Actions

The Incident Commander, in conjunction with the Emergency Response Organization (ERO) members, is responsible for determining when the emergency is over. Consulting with off-site response agencies and/or emergency response contractor(s) may be required.

Termination should consider at a minimum:

- Is the situation stable and under control?
- Is there likely to be any release of materials or other hazard to plant personnel, public or the environment?
- Are the spill materials properly stored in accordance with the compatibility of the original material?
- Is there any need for the continued presence of off-site response contractors?
- Is there any need for continued involvement of the on-site emergency response organization?

Emergency Documentation

Once an incident is declared over by the Incident Commander, an Emergency Response Incident Report shall be completed. The report, which shall

be completed by the Incident Commander or his/her designee, must include any pertinent information gathered during the response process.

Each form will be numbered and will become an official GECS report for the incident. A copy of the form shall be filed in the EHS department. Any of the documentation necessary to support the information contained on the form shall be included or its location referenced.

Follow-up critiques

Follow-up critiques will be discussed in the EHS meetings to recreate the actions taken and decisions made. The following describes the type of information which should be collected to determine lessons learned:

- Interview those individuals who initially detected the release to determine probable cause.
- Reconstruct the activities that took place during initial deployment of equipment.
- Were there any activities which occurred that should be corrected?
- Describe whether internal and/or external notifications took place without any glitches. Did individuals know their responsibilities?
- Did the communication system function as it is supposed to?
- Were proper notifications made?
- Did the plan help determine who had to be called?
- Were the numbers listed accurate?
- Did the incident command system function appropriately?
- Were there discrepancies on who had responsibility for what function?
- Did staff demonstrate ability to assemble and respond to the incident?
- Were there any decisions made by the Incident Commander that affected how future response actions were implemented or resulted in difficulties for response actions?

- Were there enough personnel to carry out the actions necessary to support the spill operations, including food, sheltering and transportation? Was the ICP functional? Does any information need to be changed?

- Was the response plan implemented in safe manner, or how could the actions be completed in a safer manner?

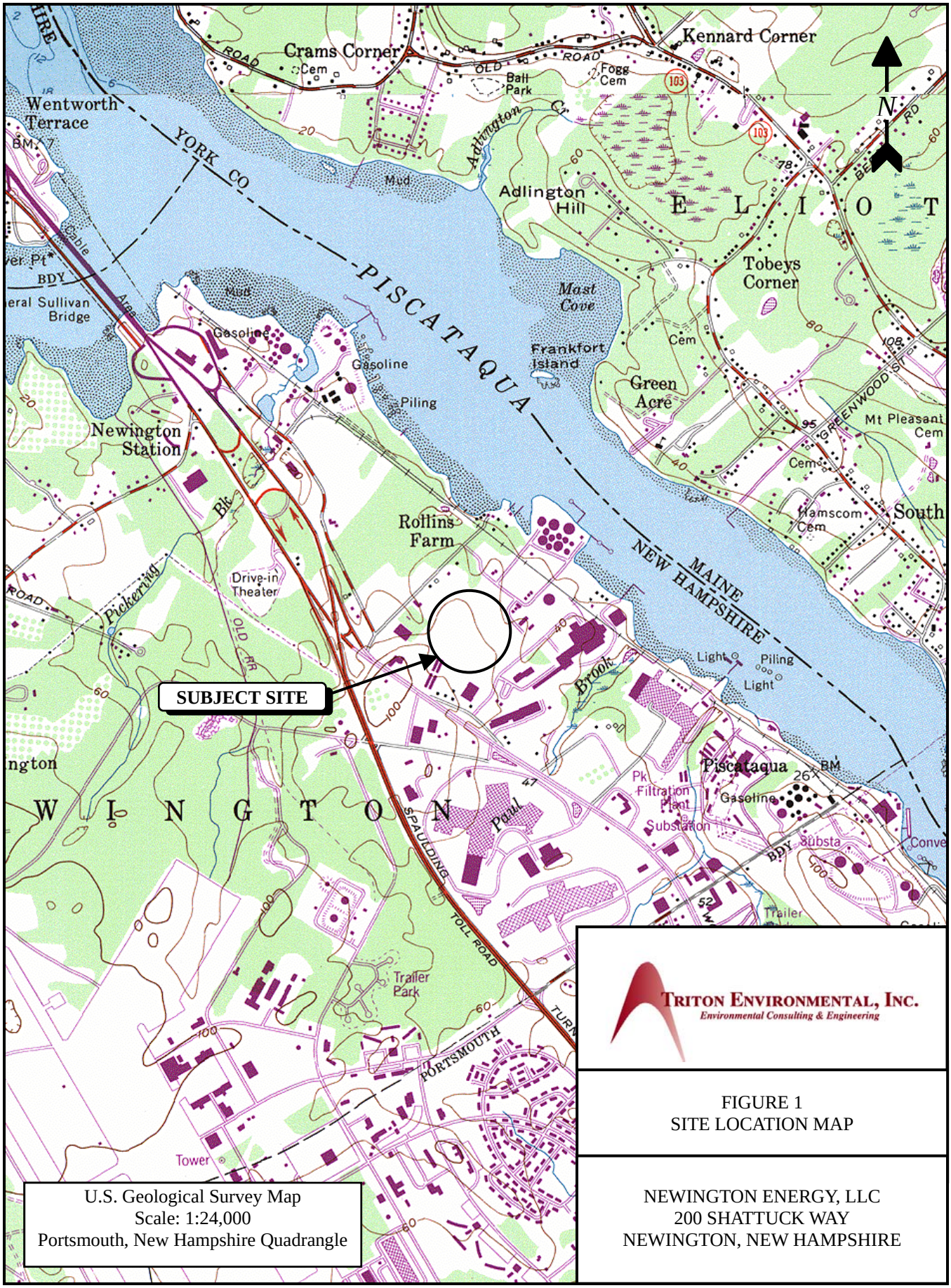
- Was employee safety or health put at risk and what can be done to reduce that risk?

- What can be done to prevent the unsafe event from re-occurring or reducing the likelihood of the event reoccurring?

- Was training and PPE adequate or are changes needed to improve employee safety and health, or the safety and health of the public?

Figure 1

Site Location Map



U.S. Geological Survey Map
Scale: 1:24,000
Portsmouth, New Hampshire Quadrangle

TRITON ENVIRONMENTAL, INC.
Environmental Consulting & Engineering

FIGURE 1
SITE LOCATION MAP

NEWINGTON ENERGY, LLC
200 SHATTUCK WAY
NEWINGTON, NEW HAMPSHIRE

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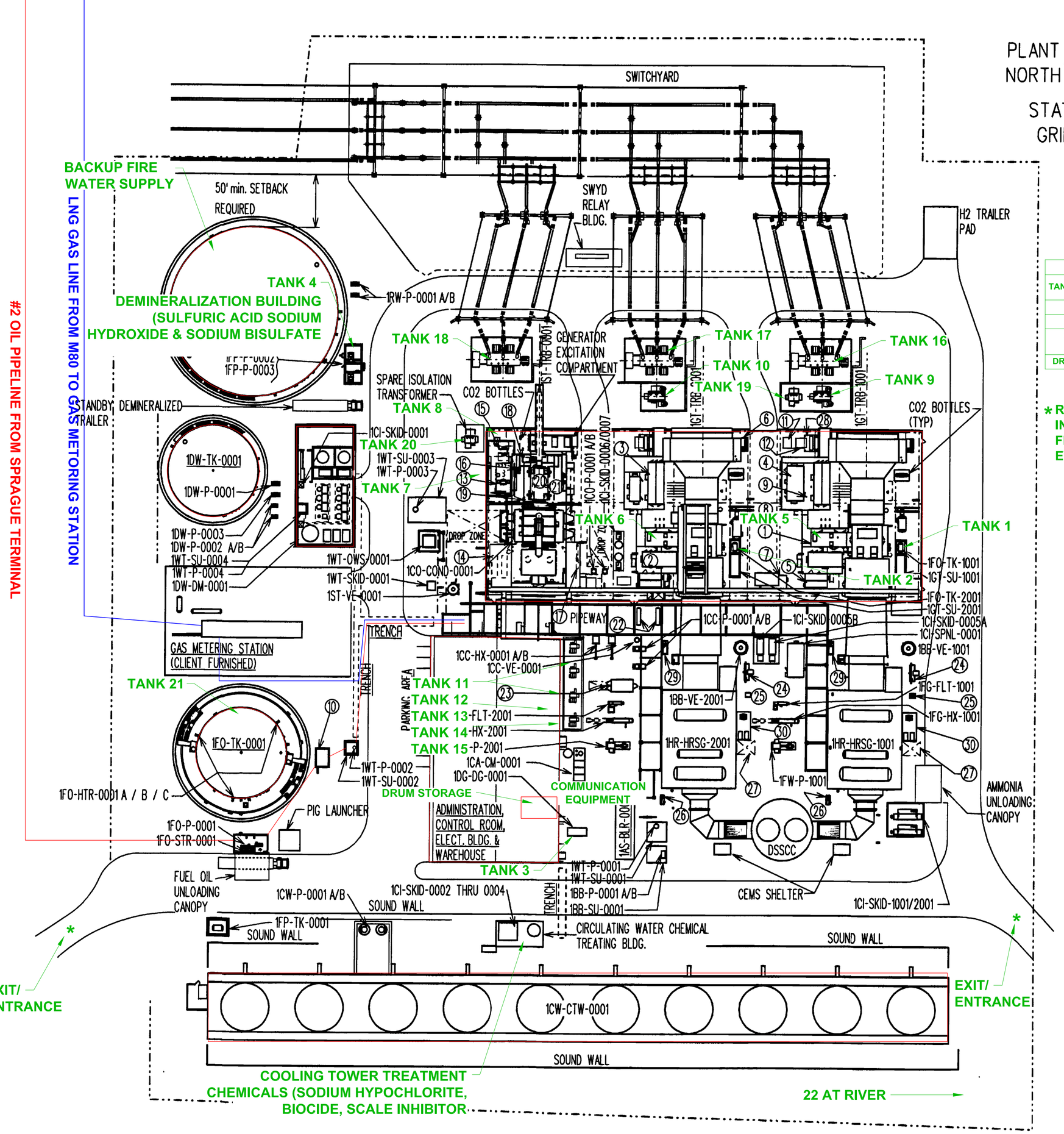
Figure 2

Facility Plot Plan



PRODUCT AND STORAGE TANKS			
TANK No.	OIL TYPE	STORAGE CAPACITY (GALLONS)	CONTAINMENT CAPACITY (GALLONS)
3	No. 2 FUEL OIL	425	435
4	No. 2 FUEL OIL	350	350
21	LOW SULFUR DIESEL FUEL	939,451	1,118,912
DRUMS	LUBE OIL	55-1,100	55-1,100

* RESPONSE PERSONNEL AND RESPONSE EQUIPMENT INGRESS/EGRESS ALL TRANSPORTATION ROUTES FROM OLD DOVER ROAD. ALSO SERVES AS EVACUATION ROUTE

EQUIPMENT LIST

1AS-BLR-0001	AUXILIARY BOILER
1BB-P-0001A/B	BLOWDOWN WATER SUMP PUMPS
1BB-SU-0001	BLOWDOWN SUMP
1BB-VE-1001	ATMOSPHERIC BLOWDOWN DRUM
1BB-VE-2001	ATMOSPHERIC BLOWDOWN DRUM
1CA-CM-0001	PLANT/INSTRUMENT AIR COMPRESSOR SKID
1CC-HX-0001 A/B	CLOSED LOOP COOLING WATER EXCHANGERS
1CC-P-0001 A/B	CLOSED LOOP COOLING WATER PUMPS
1CC-VE-0001	CLOSED LOOP COOLING WATER BLADDER TANK
1CI-SKID-0001	SULFURIC ACID SKID
1CI-SKID-0002	BIOCIDE SKID
1CI-SKID-0003	CORROSION INHIBITOR SKID
1CI-SKID-0004	SCALE INHIBITOR SKID
1CI-SKID-0005A	HP/LP PHOSPHATE SKID
1CI-SKID-0005B	IP/LP PHOSPHATE SKID
1CI-SKID-0006	AMINE SKID
1CI-SKID-0007	OXYGEN SCAVENGER SKID
1CI-SKID-1001/2001	ANHYDROUS AMMONIA STORAGE AND VAPORIZATION SKIDS
1CI-SPNL-0001	WATER / STEAM SAMPLING
1CO-COND-0001	SURFACE CONDENSER
1CO-P-0001 A/B	VACUUM CONDENSATE PUMPS
1CW-CTW-0001	COOLING TOWER
1CW-P-0001 A/B	MAIN CIRCULATING WATER PUMPS
DSSCC	COMMON STACK
1DG-DG-0001	EMERGENCY GENERATOR
1DW-DM-0001	DEMINERALIZED WATER TREATMENT SYSTEM
1DW-P-0001	DEMINERALIZED WATER TRANSFER PUMP
1DW-P-0002 A/B	DEMINERALIZED WATER PUMPS
1DW-P-0003	DEMINERALIZED WATER TRANSFER PUMP
1DW-TK-0001	DEMINERALIZED WATER STORAGE TANK
1FG-FLT-1001	FUEL GAS FILTER / SEPARATOR
1FG-FLT-2001	FUEL GAS FILTER / SEPARATOR
1FG-HX-1001	FUEL GAS HEATER
1FG-HX-2001	FUEL GAS HEATER
1FO-P-0001	FUEL OIL UNLOADING PUMP
1FO-STR-0001	FUEL OIL UNLOADING SUCTION STRAINER
1FO-TK-0001	FUEL OIL STORAGE TANK
1FO-TK-1001	GTG FALSE START DRAIN OIL TANK
1FO-TK-2001	GTG FALSE START DRAIN OIL TANK
1FP-P-0001	FIRE WATER PUMP - ELECTRIC
1FP-P-0002	FIRE WATER PUMP - DIESEL
1FP-P-0003	FIRE WATER JOCKEY PUMP
1FP-TK-0001	FOAM TANK
1FW-P-1001	HP/IP BOILER FEEDWATER PUMP
1FW-P-2001	HP/IP BOILER FEEDWATER PUMP
1GT-SU-1001	GTG WASH WATER DRAIN SUMP
1GT-SU-2001	GTG WASH WATER DRAIN SUMP
1GT-TRB-1001	GAS TURBINE GENERATOR
1GT-TRB-2001	GAS TURBINE GENERATOR
1HR-HRSG-1001	HEAT RECOVERY STEAM GENERATOR
1HR-HRSG-2001	HEAT RECOVERY STEAM GENERATOR
1RW-P-0001 A/B	RAW WATER PUMPS
1RW-TK-0001	RAW WATER STORAGE TANK
1ST-TRB-0001	STEAM TURBINE GENERATOR
1ST-VE-0001	ATMOSPHERIC DRAIN TANK
1WT-OWS-0001	OIL/WATER SEPARATOR
1WT-P-0001	OILY WATER SUMP PUMP - GTG/STG
1WT-P-0002	OILY WATER SUMP PUMP - FUEL OIL
1WT-P-0003	CLEAN WATER SUMP PUMP
1WT-P-0004	DEMIN AREA SUMP PUMP
1WT-SKID-0001	SANITARY LIFT STATION
1WT-SU-0001	OILY WATER SUMP - GTG/STG
1WT-SU-0002	OILY WATER SUMP - FUEL OIL
1WT-SU-0003	CLEAN WATER SUMP
1WT-SU-0004	DEMINERALIZED AREA SUMP

GE 7FA EQUIPMENT/SKIDS

1. ACCESSORY MODULE
2. LIQUID FUEL/ATOMIZING AIR MODULE
3. PACKAGED ELECTRIC ELECTRONIC CONTROL CENTER
4. LCI/EX COMPARTMENT
5. WATER INJECTION SKID
6. AIR PROCESSING SKID
7. WATER WASH SKID
8. CO2 FIRE PROTECTION SKID
9. LCI/HEAT EXCHANGER
10. FUEL FORWARDING SKID-PUMPS
11. EXCITATION PPT TRANSFORMER
12. DC LINK REACTOR
22. FUEL FORWARDING SKID-METERING
23. FUEL FORWARDING SKID-HEATERS

STG COMPONENTS

13. LUBE OIL CONSOLE
14. CONDENSATE VACUUM
15. HYDRAULIC POWER UNIT
16. SEAL OIL SKID
17. GLAND CONDENSER
18. LIQUID LEVEL DETECTOR
19. FLOAT TRAP
20. H2 / CO2 MANIFOLD
21. HYDROGEN CABINET

HRSG COMPONENTS

24. BURNER MANAGEMENT SKID
25. DUCT BURNER COOLING AIR FANS:
    - 1HR-BLR-1001 A / B
    - 1HR-BLR-2001 A / B
26. RECIRCULATION PUMPS:
    - 1HR-P-1001
    - 1HR-P-2001
27. SCREEN BASKET DROP AREA
30. AMMONIA SKID

MISCELLANEOUS

28. GEN MAIN BREAKER
29. HEAT TRACING PANEL & XFMR

0′ 50′ 100′ 200′ 300′ 400′

REDUCED PRINT SCALE

REV.	DATE	REVISION DESCRIPTION	DRWN CHK.	LAYO MECH	CIVIL ELEC	ENGM PROJ
1	8/01/00	ISSUED APPROVED FOR DESIGN	M.L. J.O.	J.A. -	- -	P.D. W.A.
2	12/26/00	APPROVED FOR CONSTRUCTION	S.L. J.O.	J.O. -	- -	B.E.J. W.A.
3	10/17/01	APPROVED FOR CONSTRUCTION	S.L. J.O.	- -	- -	RD -

REV.	DATE	REVISION DESCRIPTION	DRWN CHK.	LAYO MECH	CIVIL ELEC	ENGM PROJ

DWG.NO.

REFERENCE DRAWINGS

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DUKE/FLUOR DANIEL

		INITIALS/DATE
DRAWN BY	M.LOWRY	
CHECKED BY	J.OUTHIER	JO 8/1/00
LAYOUT APPROVAL	J.ANTONOVICH	JAA 8/1/00
MECHANICAL APPROVAL		
CIVIL APPROVAL		
ELECTRICAL APPROVAL		
ENGINEERING MANAGER	P. DAWKINS	PD 8/1/00
PROJECT DIRECTOR	W. ASTL	WA 8/1/00

NEWINGTON ENERGY, LLC
NEWINGTON ENERGY

PLOT PLAN

SCALE 1"=50'

DRAWING NUMBER 427000-0-PP-5-1

REV. 3

MODEL NAME:

CONTRACT PKG.

CADD FILE No. f:\engineering\layout\plot plan\current\00-pp-5-1_2rev3.dgn

WRK. PKG.

DIST. CODE 051

Plot User ANTO6827

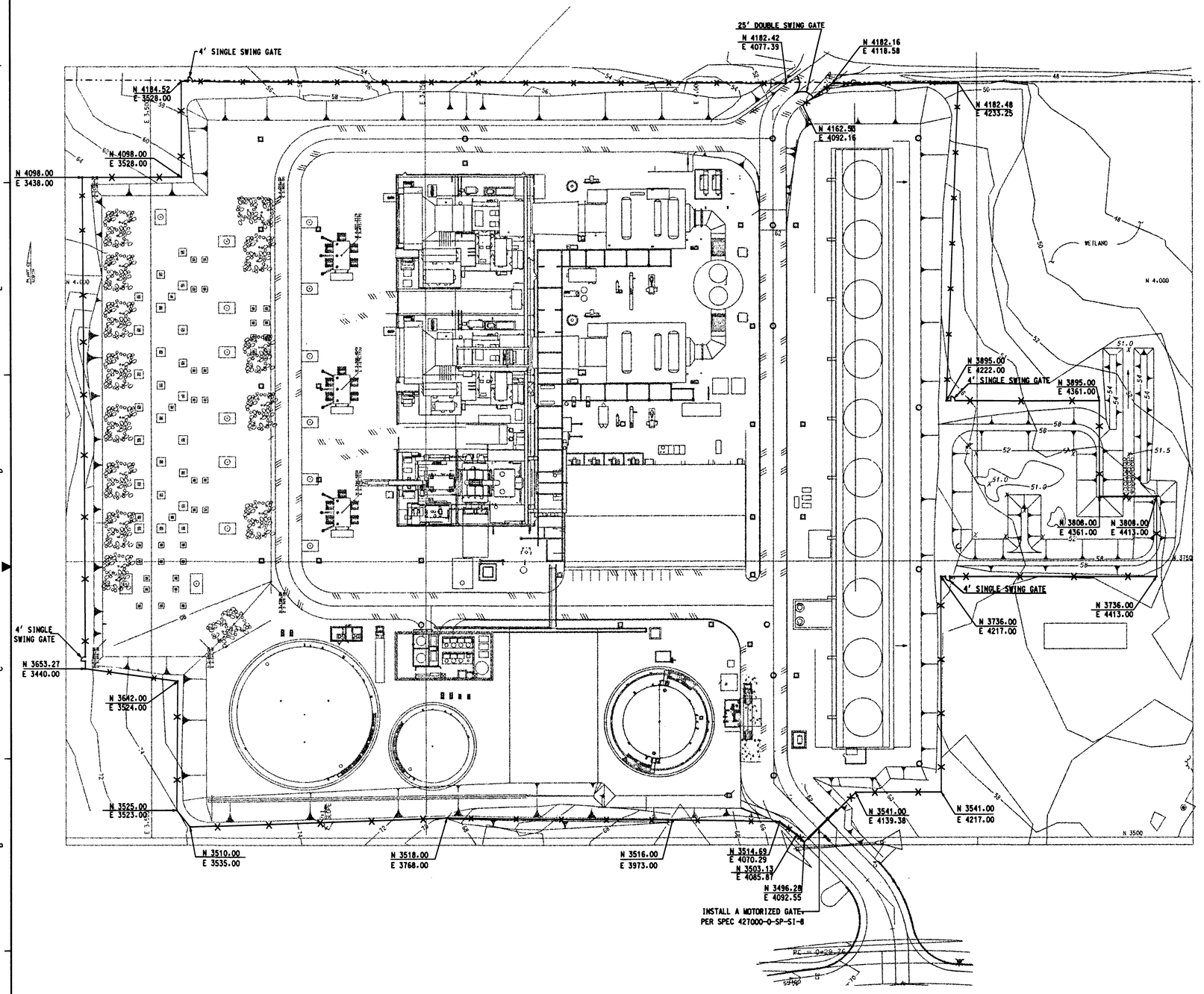
Plot Date & Time 17-OCT-2001 09:25

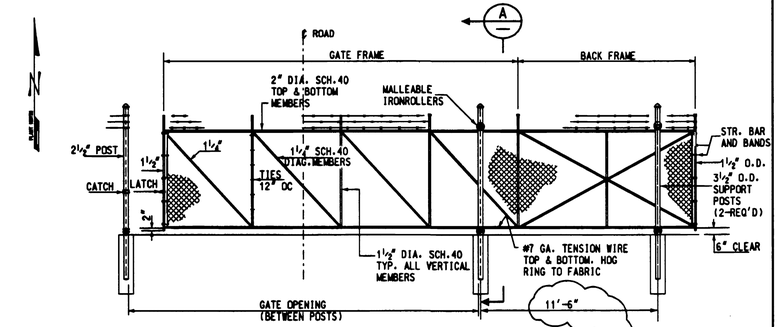
dwgprd_327.d

*DATE*TIME* MANUAL CHANGES MADE - YES ☐ NO☐ DWG. FILE UPDATED - YES ☐ NO☐ MODEL UPDATED - YES ☐ NO☐

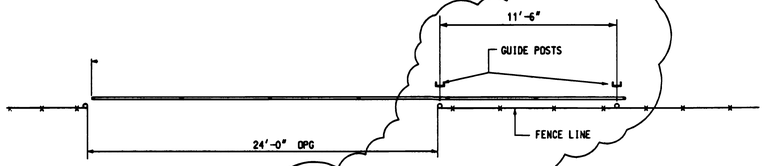
Figure 3

Facility General Layout &
Site Evacuation Map (Exits/Rally Points - Muster Areas)

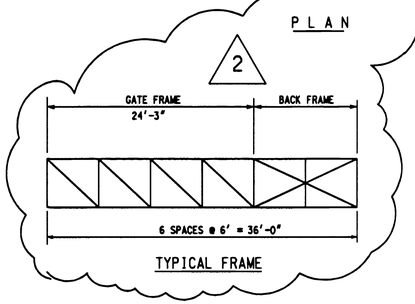




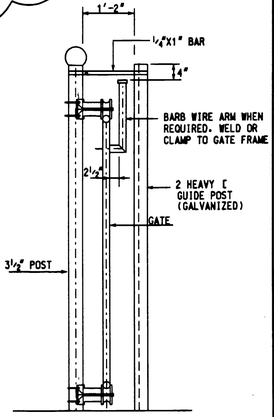
24' OPENING - SLIDING GATE DETAIL
(MODIFY AS REQ'D WHEN INSTALLING MOTOR)



PLAN



TYPICAL FRAME



SECTION A
SCALE: NTS

DIG SAFE
CALL BEFORE YOU DIG
CONTACT DIG SAFE 72 HOURS
PRIOR TO CONSTRUCTION

3/8/01
STEVEN M. YAMANOHA
No. 10213
LICENSED
PROFESSIONAL ENGINEER

NOTE:
FOR CHAIN LINK FENCE SPECIFICATION
SEE SPEC. 427000-0-SP-S1-8

0 50' 100' 200'
GRAPHIC SCALE

REV.	DATE	REVISION DESCRIPTION	DRWN CHK.	LAYO MECH	CIVIL ELEC	ENGM PROJ
0	2/8/01	ISSUED FOR REVIEW & APPROVAL	HS AQ			
1	3/1/01	APPROVED FOR CONSTRUCTION	HS AQ		SHY	RPD
2	3/8/01	REVISED SLIDING GATE DETAIL	HS AQ		SHY	RPD

REV.	DATE	REVISION DESCRIPTION	DRWN CHK.	LAYO MECH	CIVIL ELEC	ENGM PROJ

DWG.NO.

REFERENCE DRAWINGS

DUKE/FLUOR DANIEL sm

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DRAWN BY H.SARMIENTO	INITIALS/DATE HS 2/8/01	
CHECKED BY A.QUINONES	INITIALS/DATE AQ 2/8/01	
LAYOUT APPROVAL	INITIALS/DATE	
MECHANICAL APPROVAL	INITIALS/DATE	
CIVIL APPROVAL S. YAMANOHA	INITIALS/DATE SHY 2/8/01	
ELECTRICAL APPROVAL	INITIALS/DATE	
ENGINEERING MANAGER P. DAWKINS	INITIALS/DATE PD 2/8/01	
PROJECT DIRECTOR	INITIALS/DATE	

NEWINGTON ENERGY, LLC
NEWINGTON ENERGY

FENCING
PLAN

SCALE	DRAWING NUMBER	REV.
1"=50'	427000 0-CV-0-FE-11	2

MODEL NAME:

Plot User
Plot Date & Time
08-MAR-2001 12:55

=DATE=TIME= MANUAL CHANGES MADE - YES ☐ NO ☐ DWG. FILE UPDATED - YES ☐ NO ☐ MODEL UPDATED - YES ☐ NO ☐

CONTRACT PKG.
CADD FILE No.CVSURT.DGN
WRK. PKG.
DIST. CODE 053
n:\pds\civil\dwgs\roughgrading\cv01fe11.dgn
dwgbrd_327.d

Appendix A

Emergency Response Procedures (ERP) 00 through 09

Emergency Response Procedures

ERP-00 - Incident Discovery

ERP-01 - Incident Assessment

ERP-02 - Medical Emergency Procedure

ERP-03 - Emergency Evacuation Procedure

ERP-04 - Fire and/or Explosion Procedure

ERP-05 - Spill/Release Procedure

ERP-06 - Security Disturbance, Bomb Threat Procedure and, Suspicious Mail/Packages

ERP-07 - Utility Failure Procedure

ERP-08 - Severe Weather Procedure

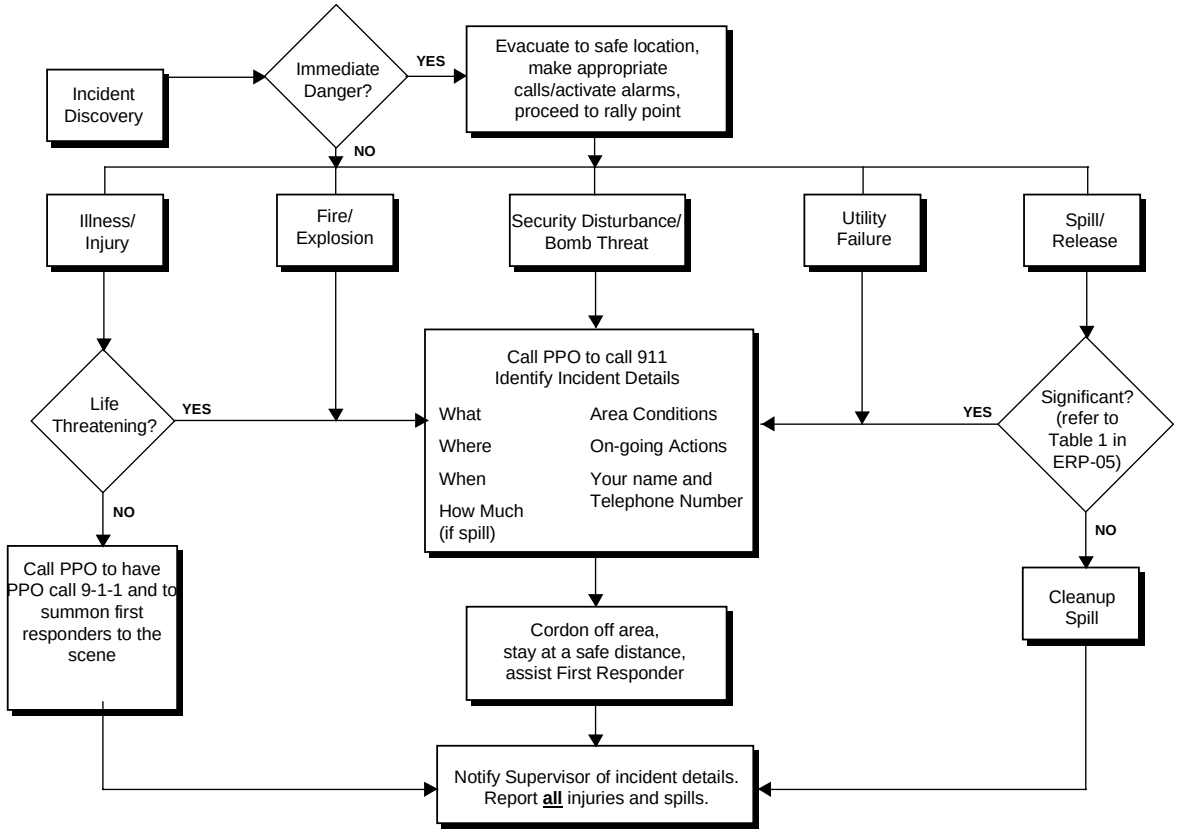
ERP-09 - Anhydrous Ammonia Release Procedure

ERP-010- Civil Strife and Sabotage/Terrorism Threat Procedure

ERP-00 – INCIDENT DISCOVERY

The objective of this Incident Discovery Procedure is to describe the appropriate response actions to take when an observed or potential incident is initially identified at the Newington Energy facility. The person detecting an incident can provide immediate action to either facilitate subsequent response actions, or resolve the incident. A flowchart describing these actions is provided below. This procedure shall be followed by all personnel at Newington Energy.

FIGURE 1
INCIDENT DISCOVERY AND INITIAL INTERNAL REPORTING
GEPS - Newington Energy



INCIDENT DISCOVERY RESPONSE STEPS

1. If the incident presents an immediate danger (threat of explosion, fire, vapor hazard), evacuate to a safe location and activate the appropriate alarms or make calls and then proceed to a designated Rally Point, if necessary. Remain in that location until otherwise directed by a First Responder or Incident Commander. The safe place of refuge within the plant is the Control Room and will be used as the command center, assuming that it is determined by the Incident Commander to be clear of hazards.

2a. If you detect an observed or potential emergency such as a life-threatening illness/injury; fire/explosion; significant spill/release; security disturbance/bomb threat; utility failure; and/or anhydrous ammonia release at the facility, call the Control Room.

2b. If illness/injury is not life-threatening, call the Control Room

2c. <u>If the nature of the incident is such that it is safe to take action and it is within your normal job responsibilities,</u> initiate appropriate responses to contain the incident. Such actions are typically defensive or limited in nature, and may include:

- Closing valves to isolate a process or stop a leak, or securing or isolating the operating system (to be undertaken by trained operators).
- Containing and/or isolating a limited spill/release that is routine relative to your normal job responsibilities and is not considered to be significant (refer to ERP-05). Containment measures may include the placement of absorbent materials on and/or around the release, and blocking of floor drains or catch basins
- Cordoning off the area until appropriate response actions occur.
- Providing support within your capabilities to response personnel at the scene of the incident, as requested.

3. Provide the Control Room with, at a minimum, the following incident details Control Room to record on the attached form at the end of this section.
   - What
   - Where
   - When
   - How much (if spill/release)
   - Area conditions
   - Ongoing actions
   - Your name and telephone number

4. After the emergency has been terminated, the person who detected the emergency should participate in debriefing and emergency documentation.

5. Notify supervisor of incident details.

PERSONNEL SPECIFIC DUTIES

Any Employee

- Evacuate to safe location and activate appropriate alarms.
- Call Control Room.
- Initiate appropriate responses to contain the incident.
- Participate in debriefing.
- Notify supervisor of incident details.

Control Room

- Notify appropriate resources.

First Responders

- Respond to incident discovery to make an assessment and establish a plan to address the incident.

FORM ERP 00-1

EMERGENCY RESPONSE INCIDENT REPORT FORM (Revised 1/23/98)

Section 1: Power Plant Operator

Received Call/Notification from: _____Date:_____ Time: _____

Date and Time of Incident: _____ Location of incident (Bldg./Column)_____

Type of Incident ____ spill ____ fire/explosion ____ discharge to river? _____ Other (Describe)

Material released (if applicable):_____ Approx. amount _____

If spill, Machine #_____Type of Machine _____

Names of Responders Notified regarding spill:

Operator(s)_____

EHS Emergency Responder(s)_____

Plant EHS Contact:_____

Maintenance_____

Plant Manager _____

Any Injuries? (yes or no) If yes, describe _____

Other relevant information:_____

Name and Signature of Personnel Completing Section 1 of Incident Report Form:

_____ _____ _____

(Print Name) (Signature) (Date)

FORM ERP-00-1 (continued)

Section 2: EHS Emergency Responder/EHS Plant Contact (Review Section 1 and make changes if necessary (initial changes). Respond to Scene if possible. Complete all blank areas in this section, and file with Accident/Near Miss Investigation Check List. Note: If the incident is Operations related, EHS Plant Contact shall complete Section 2 and complete Accident/Near Miss Check List. If reportable incident, EHS Primary or Secondary Responder completes Section 2 and follows Emergency Response Protocol.

Date called: _____ Time called: _____ Responded to Scene? ____ Yes ____ No

Reportable Release (see Emergency Response Protocol) ? ____ Yes ____ No

Weather Conditions: _____

Released to: ___ Drain ____ Sewer _____ Pavement ____ Soil _____ Inside building

Released from: _____machine _____ fork lift _____truck _____ sump sucker ____ other (describe)

_____

If Reportable Release, EHS personnel shall complete below & attached Significant Event form and any other pertinent information:

Agencies Notified? (yes or no)	**Date of Notification**	**Time of Notification**	**Site Visit? (yes or no) If yes list date & time:**
NRC			
NHDES			
USEPA			
Coast Guard			
Other(s):			

Name and Signature of EHS person completing Section 2 of Incident Report Form:

_____ _____ _____

(Print Name) (Signature) (Date)

FORM ERP-00-2 **EPA SPILL RESPONSE NOTIFICATION FORM**		
A. GENERAL INFORMATION TO REPORT		
Reporters Last Name:	First:	M.I.:
Position:		
Phone Numbers:	Day:	Evening:
Company:		
Organization Type:		
Address:		
City:	State:	Zip Code:
Were Materials Discharged? (Y/N)	Confidential? (Y/N)	
Meeting Federal Obligations to Report (Y/N)		Date Called:
Calling for Responsible Party? (Y/N)		Time Called:
B. INCIDENT DESCRIPTION		
Source and/or Cause of Incident:		
Date of Incident::	Time of Incident:	
Nearest City:	State:	County: Zip:
Distance from City:	Units of Measure:	Direction from City:
Section:	Township:	Range: Borough:
Container Type:	Tank Oil Storage Capacity:	Units of Measure:
Facility Oil Storage Capacity:	Units of Measure:	
Facility Latitude: 42^{o}27'08"		
Facility Longitude: 70^{o}58'23"		

FORM ERP-00-2
EPA SPILL RESPONSE NOTIFICATION FORM

C. MATERIAL

CHRIS Code	Discharged Quantity	Unit of Measure	Material in Water	Quantity	Unit of Measure

D. RESPONSE ACTION

Actions taken to correct, control or mitigate incident:

E. IMPACT

Number of Injuries:	Number of Deaths:
Were there Evacuations? (Y/N)	Number of Evacuations:
Was there any Damage? (Y/N)	
Damage in Dollars (approximate):	
Medium Affected:	
Description:	
More Information about Medium:	

FORM ERP-00-2 **EPA SPILL RESPONSE NOTIFICATION FORM**		
F. ADDITIONAL INFORMATION		
Any information about the incident not recorded elsewhere in this report:		
F. CALLER NOTIFICATIONS		
EPA: (Y/N)	USCG: (Y/N)	State: (Y/N)
Other:	Describe:	

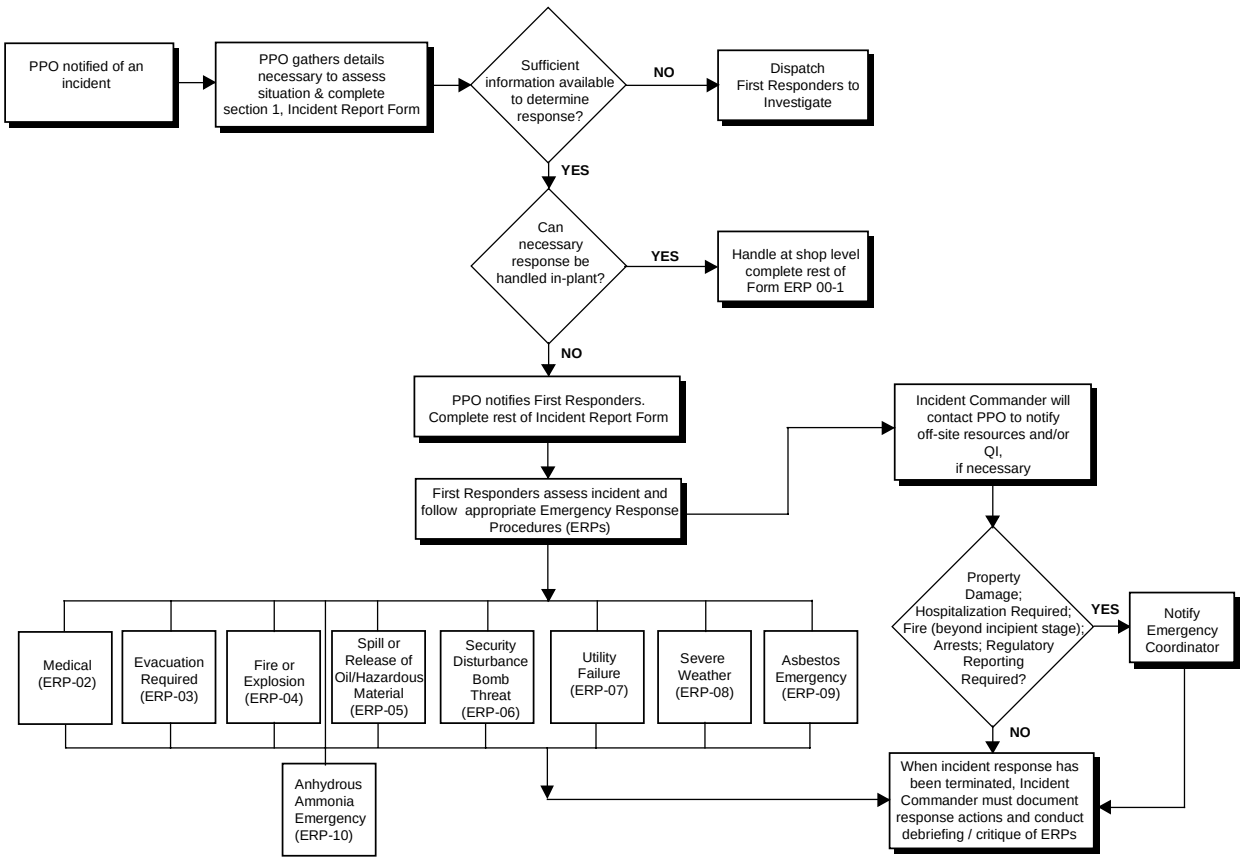
Note: Form ERP-00-2 is to be used to collect information for providing verbal notification to the National Response Center (NRC), and is for internal use only. It is not necessary to obtain all information required to complete this form before call the NRC. This form does not have to be submitted to an outside agency.

ERP-01 – INCIDENT ASSESSMENT

The objective of this Incident Assessment Procedure is to identify the appropriate response actions to take when first responding to an incident or potential emergency at the NEL facility. A flowchart describing these actions is provided below.

The Control Room and Responder(s) will maintain and complete an Incident Response Form throughout and at the completion of **all** incidents/emergencies reported to the CONTROL ROOM.

INCIDENT ASSESSMENT



Revision 3. 09/20/02

1. Follow Incident Discovery (ERP-00) Procedures.

2a. Upon receipt of notification of incident, PPO gathers sufficient information from notifier to determine appropriate response.

2b. If notifier can not provide sufficient information for the CONTROL ROOM to determine a response, the CONTROL ROOM shall dispatch First Responders to the scene or if First Responders unavailable contact appropriate Emergency Response Organization (9-1-1). The safe place of refuge within the plant is the CONTROL ROOM and will be used as the command center, assuming that it is determined by the Incident Commander to be clear of hazards.

3a. If the incident can not be handled at a facility level, the CONTROL ROOM notifies the appropriate responder(s). The following matrix (**Table 1**) provides a basic guide for notifications with additional notifications made as warranted by the incident.

3b. If injuries, fire, or an explosion are involved, CONTROL ROOM shall immediately call external 911 (Newington Fire) and provide sufficient information for the appropriate resources to be sent.

4. Emergency Responders and associated equipment arriving from off-site will access the site from either the north or south entrances from Old Dover Rd.

5. Following their arrival at the scene, the First Responder(s) must conduct a further evaluation of the situation to ensure that it is safe for them to survey the scene to determine if additional resources are needed to control the incident/emergency. In order to determine whether the incident is an emergency, and whether additional resources and/or the EHS Responder should be notified, these individuals should consider the following criteria:

- Fire, explosion or any event requiring emergency response by outside agencies.
- Spills or releases of oils/hazardous material beyond the capabilities of the on-shift responders.
- Spills of oils/hazardous materials and other potentially harmful liquids which have entered storm drains or the Piscataqua River, or which is uncontrolled and could spread.
- Spills or releases of unknown amount of hazardous material.
- Spills or releases of any amount of an unknown but potentially hazardous material.
- Any event that is likely to attract public interest and media attention.
- Any event where the situation is unclear, could deteriorate, and might require additional help.
- Injury
- Property Damage

Table 1

Responder	Medical (ERP-02)	Evacuation (ERP-03)	Fire or Explosion (ERP-04)	Spill or Release of OHM (ERP-05)	Bomb Threat (ERP-06)	Utility Failure (ERP-07)	Severe Weather (ERP-08)	Anhydrous Ammonia Release (ERP-10)
Power Plant Operators	**x**	**x**	**x**	**x**	**x**	**x**	**x**	**x**
Newington Fire	**x**	**x**	**x**	**x**	**x**	**x**	**x**	**x**
Facility Manager	**x**	**x**	**x**	**x**	**x**	**x**	**x**	**x**
Operations Manager	**x**	**x**	**x (explosion)**	**x**	**x**	**x**	**x**	**x**
EH&S Manager	**x**	**x**	**x**	**x**	**x**	**x**	**x**	**x**
Maint. Manager	**x**	**x**	**x**	**x**	**x**	**x**	**x**	**x**

6. Details regarding specific responses for emergency situations are provided in subsequent Emergency Response Procedures (ERPs).

7a. If the nature of the incident is such that off-site resources are required, the Incident Commander shall request the CONTROL ROOM to contact the appropriate resources identified in the Yellow Pages of this Plan.

7b. If additional technical assistance/guidance and/or regulatory notifications are required, the Incident Commander shall request the CONTROL ROOM to notify the EHS Responder.

8. The EHS Responder shall report to the scene if the situation can not be isolated quickly or a reportable condition may exist, and shall assume the role of Incident Commander.

9a. The EHS Responder shall request the CONTROL ROOM to notify the Emergency Coordinator (EC) if the incident/emergency involves:

- Property damage
- Hospitalization requirements
- Fire (beyond incipient) or Explosion
- Regulatory reporting requirements.

9b. Based upon the nature of the incident/emergency, the EC may activate the Emergency Response Organization (ERO) and request the CONTROL ROOM to notify the Qualified Individual, if necessary.

10. After the incident/emergency has been terminated, the Incident Commander documents the response actions and conduct debriefing/critique of ERPs.

PERSONNEL SPECIFIC DUTIES

Control Room (CONTROL ROOM)

- Dispatch In-plant First Responders, if necessary.
- Notify EHS Responder when requested by Incident Commander.
- Notify Emergency Coordinator in cases of property damage, fire (beyond incipient), hospitalization required, and regulatory reporting required, as requested by the Incident Commander.
- Serve as communications coordinator, log all communications
- Notify additional resources as directed by the Incident Commander.

First Responders

- Respond to all real and potential emergencies as directed by the CONTROL ROOM
- Coordinate with/assist other Responders.
- Assess the need for additional resources.
- Serve as Incident Commander of First Responders.
- Provide assistance with utility shut off and control.

Environmental Health and Safety

- EHS Responder and other EHS personnel patrol the area at a safe distance for additional safety and environmental hazards.
- Provide feedback to First Responders on necessity of further evacuation needs.
- Provide technical assistance/guidance to First Responders, serve as Incident Commander when on-site.
- Make regulatory notifications as directed by the Emergency Coordinator.

Emergency Coordinator

- Activate Emergency Response Organization (ERO), if necessary.
- Serve as Incident Commander, if required.
- Direct regulatory notifications.

- Request CONTROL ROOM to notify Qualified Individual, if necessary.

Incident Commander

- Coordinate Responders.
- Request CONTROL ROOM to make notifications for additional resources.
- Document Response Actions and conduct debriefing/critique of ERP.

ERP-02 – MEDICAL EMERGENCY PROCEDURE

The objective of this Emergency Response Procedure is to identify the appropriate actions to take when a medical emergency occurs.

1. If you detect a medical emergency at the facility, call the CONTROL ROOM. Give specific directions to the location of the victim(s). Provide the CONTROL ROOM with sufficient information to determine what response actions and resources are necessary.

2. If it is safe to do so, provide comfort and support to the victim(s) and wait near the scene to assist or direct other responders to the scene, unless otherwise directed to wait in another safe location or to evacuate to a Rally Point.

   All employees providing such assistance should be aware that they could be at risk of acquiring an infectious or communicable disease. They must take precautions when in contact with the victim's body fluids (blood, urine, secretions), and take protective measures during clean up and disposal of material used to treat the victim.

3. The CONTROL ROOM dispatches the First Responders to the scene.

4. The CONTROL ROOM shall call 911 and provide sufficient information for the appropriate resources to be sent to the site. The CONTROL ROOM shall monitor the facility gate to direct off-site resources to the location of the incident. If available, site personnel shall proceed to the gate to escort Off-site emergency responders to the scene.

5. Upon arrival at the scene, the First Responders should not rush into the situation. Instead, they should perform a hazard evaluation to determine the appropriate level of protection for medical and/or emergency responders. First Responders should not enter an area considered to contain hazards (potential or actual release) without first discussing with the Incident Commander. A typical hazard evaluation would include the following questions:

   - Has a release occurred that may require air monitoring for First Responders to identify concentrations of toxic gases or oxygen deficient atmospheres?
   - Is the injury a result of an exposure to some chemical, gas or fumes that may still be present?
   - Is the injury a result of a mechanical or electrical hazard? Is this hazard (e.g. live wires) still present?
   - Is the injury a result of a personal medical condition or other medical emergency, such as cardiac arrest?

6. Once the first responders (who are also trained in first aid and CPR) have properly evaluated the situation and the appropriate safety measures have been taken, the first responder will evaluate the victim's condition and treat and/or stabilize the injury/illness.

7. If the injury/illness is a result of a hazardous substance spill or exposure, the Responder(s) should implement ERP-05, Spill Procedures, to secure the area and make it safe for medical and rescue personnel. The area should be cordoned off, and areas should be designated for command staff, support, decontamination and hot zones. If necessary, the affected areas may be evacuated with the assistance of Plant Personnel.

8a. If the clean up of blood or body fluids is required, it shall be done by trained personnel only and the CONTROL ROOM shall notify the off-site hazardous waste contractor, if necessary.

8b. If a fatality or the hospitalization of three or more persons occurs, the CONTROL ROOM must notify the Emergency Coordinator (EC). The EC will coordinate the reporting of any fatality to OSHA within 8 hours of knowledge of the fatality. The EC will coordinate reporting of any hospitalization of three or more people within 30 days of the incident to OSHA within 8 hours of knowledge of the hospitalization.

9. The CONTROL ROOM or other responder to the scene shall complete an incident and deliver to EH&S and facility manager.

10. After the incident/emergency has been terminated, the Incident Commander shall conduct debriefing/critique of ERPs and document response actions.

PERSONNEL SPECIFIC DUTIES

(CONTROL ROOM)

- Call (external 911).
- Notify off-site hazardous waste coordinator when clean up of blood or body fluids is required.
- Serve as communications coordinator, log all communications.
- Notify additional resources as directed by Incident Commander.
- Notify Emergency Coordinator if fatality and/or hospitalization of three or more persons occurs.
- Notify First Responders.
- Serve as Incident Commander until relieved.

First Responders

- Perform hazard evaluation.
- Evaluate victim's condition and treat and/or stabilize the injury/illness.
- Assist Newington Fire or outside ambulance service, transition care.
- Assess the need for additional resources.
- Access the need for clean-up of blood borne pathogens. If trained to do so, initiate clean-up, if not trained to do so, contact off-site hazardous waste contractor.
- Complete initial incident report.

Newington Fire Department

- In the event that an emergency expands beyond the capability of plant personnel, Newington Fire Department or contract ambulance service personnel will perform any further required emergency medical care, as necessary.

Environmental Health and Safety

- First Responders patrol the area at a safe distance for additional safety and environmental hazards.
- Serve as Incident Commander, if necessary.
- Make regulatory notifications as directed by the Emergency Coordinator.
- Follow up on injury, complete incident reports, make internal notifications, implement corrective actions.

Off-Site Hazardous Waste Contractor

- Perform clean up of any blood and/or body fluids.

Emergency Coordinator

- Request CONTROL ROOM to notify Qualified Individual, if necessary.
- Serve as Incident Commander, if necessary.
- Direct regulatory notifications.

Incident Commander

- Activate Emergency Response Organization (ERO), if necessary.
- Coordinate Responders.
- Request CONTROL ROOM to make notifications for additional resources.
- Document response actions and conduct debriefing critique of ERP.

ERP-03 – EMERGENCY EVACUATION PROCEDURE

The objective of this Emergency Evacuation Procedure is to identify the appropriate actions to take to evacuate in a safe and orderly fashion from the scene of an incident that presents immediate danger to the health and safety of employees (i.e., threat of explosion, fire, vapor hazard). The map described in this procedure has been included in Figure 3 of the ICP.

1. If you detect a situation that may require evacuation, call the Control Room by calling the control room. All employees have been instructed to pull the fire alarm and call the control room (internal), if safe to do so, in any event that may require emergency evacuation.

2. If the incident presents an immediate danger, the CONTROL ROOM shall dispatch the First Responders to the scene, and the Control Room shall assign available staff to meet the incoming resources at the facility gate and direct them to the scene. The CONTROL ROOM then calls Newington Fire and provides sufficient information for the appropriate resources to be sent to the site.

3. The CONTROL ROOM shall call the EHS Responder.

4. The Responder(s) shall determine if hazards could affect evacuation routes and identify appropriate rally points. The Responder(s) must also evaluate the need for evacuation of downwind facility areas and off-site areas. Rally points are identified on evacuation route drawings posted in all buildings. Refer to the Town of Newington Community Evacuation Plan for off-site evacuation procedures (see attached).

5a. An emergency evacuation will be signaled with an audible “whoop” sound and visible “white” strobe alarm. All employees must react immediately. Additionally, there are voice prompts that must be adhered to. These voice prompts directs employees away from the hazards and towards a safe refugee.

5b. At the sound of an alarm, employees should secure all work and proceed in an orderly fashion (quickly and quietly; do not run) out the nearest safe exit as shown on the maps of recommended evacuation routes and as directed by voice prompts over the alarm system. Operators should ensure that all equipment is in safe condition prior to evacuation, if conditions allow. Muster areas (Rally Areas) are located outside of the gated area to the northeast, southeast, southwest, and northeast of the facility. Those areas have been identified on Figure 3

5c. Assist any handicapped personnel in the area.

5d. Leave the building and go to the primary rally point area as indicated on the map.

5e. Go to an alternate rally point if the pathway to the primary rally point is obstructed, the primary rally point is unsafe or you are instructed to go elsewhere by emergency personnel or by voice prompts through the alarm system.

5f. Stay in the rally point until a head count is completed by the designated headcounter for your work area.

5g. After the head count is completed, the Incident Commander will evaluate the need for personnel searches and/or rescues, and notify the Responder(s) if one is necessary.

5h. All personnel searches and/or rescues shall be conducted by Newington Fire Department.

5i. Personnel shall not re-enter the evacuated area until the "all clear" announcement/signal is made by the Incident Commander.

6. The EHS Responder will evaluate the incident (at a safe distance) for other potential safety or environmental hazards.

7. The Incident Commander shall request the CONTROL ROOM to notify the Emergency Coordinator (EC).

8. After the incident is isolated, the Responder(s) will meet to discuss if the incident is resolved and the emergency secured. If agreement is reached, the Incident Commander will make the "all clear" announcement.

9. After the incident/emergency has been terminated, the Incident Commander will conduct a debriefing/critique of the Emergency Evacuation ERP.

PERSONNEL SPECIFIC DUTIES

Control Room

- Serve as communications coordinator, log all communications.
- Notify additional resources as directed by the Incident Commander.
- Notify the Emergency Coordinator in cases of property damage, fire (beyond incipient), hospitalization required, and regulatory reporting required, as directed by the Incident Commander.
- Call Newington Fire if incident presents immediate danger.
- Notify the First Responders.
- Serve as Incident Commander until relieved.

First Responders

- Respond to all real and potential emergencies as directed by the CONTROL ROOM.
- Provide communications between rally point leaders and Incident Commander.
- Provide traffic and crowd control. Direct emergency vehicles.
- Assist in keeping people away from the evacuated area until the all clear signal is given by the Incident Commander.
- Assist with evacuation.
- Provide security.
- Perform hazard evaluation.
- Coordinate/assist with other Responders.
- Perform hazard evaluation.
- Report to the location of the emergency as reported by the CONTROL ROOM, or respond directly to the area of an alarm device.
- Conduct evacuation.
- Proceed to extinguish incipient stage fires.
- Assist in keeping people away from the evacuated area until the all clear signal is given by the GE Incident Commander.
- Indicate the "all-clear" for employee re-entry to the Incident Commander for incipient stage fires that have been extinguished and are <u>not</u> under the control of the Newington Fire Department.
- Coordinate with/assist other Responders.
- Serve as Incident Commander of the First Responder group.
- Provide assistance with utility shut off and control.
- Assign personnel to proceed to gate to direct Responders to scene.
- Assist in keeping people away from the evacuated area until the all clear signal is given by the GE Incident Commander.

- Arrange for conducting drills.
- Communicate with Control Room.
- Responsible for leading critique.
- Tour their common areas and check restrooms, conference rooms, and other general work areas. Notify occupants of the alarm and instruct them to evacuate.
- Alert contractors, visitors, and other transients of the meaning of the alarm (get out) and the location of the rally point.
- If a person refuses to exit, do not attempt to coerce the person. Notify Incident Commander of recalcitrant person at rally point.
- Check other potentially occupied areas within the scope of their pre-assigned areas including the roof, transformer rooms, confined spaces, etc.

Environmental Health and Safety

- EHS Responder and other EHS personnel patrol the area at a safe distance to identify additional safety and environmental hazards.
- Provide feedback to First Responders on necessity of further evacuation needs.
- Assist in keeping people away from the evacuated area until the all clear signal is given by the Incident Commander.

Emergency Coordinator

- Coordinate with other Responder(s).
- Make "all clear" announcement.

Newington Fire Department

- In the event that an emergency expands beyond the capability of plant personnel, the Newington Fire Department is the primary responding agency.
- The Newington Fire Department will perform any required search and rescue.
- Provide "all clear" announcement to GE Incident Commander when re-entry into evacuated areas is possible.

ANNEX H

EVACUATION

A. PURPOSE

The purpose of this Annex is to establish procedures for the orderly movement of people from endangered or stricken areas to facilities in areas generally unaffected by the disaster or potentially safer from an impending emergency situation.

B. AUTHORITIES

The authorities for this Annex are those as stated in Part I, Section B.

C. SITUATION

An organized evacuation of potentially endangered populations is one protective action and should be recommended only when other protective actions appear to be inadequate. An evacuation may be recommended when all or any part of the community is affected and may involve all or any portion of the population.

Areas in Town that might require an evacuation to be recommended would include:

Areas around a potentially explosive hazardous materials accident

Areas downwind of a hazardous chemical materials accident

Areas subject to outages of power, water or home heating materials

Structures which are or could become unsound due to fires, earthquakes, hurricanes, tornadoes and other major natural or technological phenomena

Areas threatened by advancing forest fires

Areas around or near crashed aircraft

By state law, RSA 107, the Governor of New Hampshire may only recommend evacuation as being in the best interest of the safety and welfare of the citizens. On-scene commanders and local officials may recommend evacuation in local emergency situations. Any evacuation, unless specifically recommended and assisted by federal, state or local government officials, does not bind that government to be liable for

damages incurred. It is assumed that the officials at all levels of government have fully assessed the risks involved before recommending an evacuation.

Although most adults in Newington own or have use of a private vehicle and would evacuate using that vehicle, the Town assisted by state government will provide school buses and available commercial vehicles to transport those who do not own or have use of a vehicle or who cannot ride with friends, relatives or neighbors. When faced with a potential life-threatening situation, people will generally follow three options:

Most will follow the recommendations of federal, state and/or local officials and relocate to pre-designated host areas by pre-selected routes.

Some will evacuate spontaneously to hosting facilities of their own choice.

Despite recommendations to do so, some will not evacuate and will remain in place.

The major evacuation routes for Newington will be:

Spaulding Turnpike/Woodbury Ave- North and South

Nimble Hill Road to McIntyre Road South

Industrial corridor Rd to Spaulding North and South

Spaulding Turnpike/Woodbury Avenue - North and South

Some buildings have established evacuation plans for fire safety which could be used in other types of emergencies.

It is assumed that most patients in medical facilities will be picked up and relocated by relatives. Relocation of patients in acute-care status and the transportation of same must, of necessity, be made at the time of the emergency and on a case-by-case basis. Prisoners being held by the Police Department who could not be released would be transferred for incarceration.

During a period of increasing international tension, the Presidential option of relocating people from potential target areas to relatively safer host areas appears to be feasible. Evacuees will necessarily look to their local officials for guidance on when and there to relocate, how to get there and what to bring with them.

D. ORGANIZATION

The organization of an evacuation will be directed from the EOC by the Executive and Operations Staffs, assisted by appropriate state and federal agencies

E. RESPONSIBILITIES

The Board of Selectmen will

Assume over-all direction and control of the evacuation procedures

Make the necessary evaluations and recommendations to protect the lives of the citizens

The Emergency Management Director will

Coordinate the emergency services during the population movement

Assist essential public services and private industries to provide for continuity of operations

Assist non-essential industries to provide for operational shut-down and the orderly release of employees

The Police Department will

Coordinate traffic control

Provide post-evacuation security

Coordinate emergency transportation

Issue identification for emergency services

The Highway Department will

Provide barricades for traffic control

Assist in emergency transportation

Assist in manning control points

Provide for clearance of evacuation routes and shelters

The Fire Department will

Provide recommendations on areas to be evacuated due to hazardous materials accidents

Assist in traffic control

Provide post-evacuation fire surveillance

Assist in rescue operations

The Health Officer will

Coordinate evacuation procedures for medical facilities with the Rescue Service

Coordinate post-evacuation medical care

Obtain data and recommendations for situations involving radioactivity from the New Hampshire Division of Public Health

F. CONCEPT OF OPERATIONS

The emergency situation - i.e. floods, hurricanes, conflagration, hazardous materials accident - will generally dictate the perimeters of an area to be evacuated and the time, distance and direction to evacuate.

Once the decision to recommend evacuation has been made, the following procedures will be accomplished:

The Board of Selectmen will:

Inaugurate the public warning procedures

Determine the approximate numbers of people involved

Notify the Portsmouth Chapter of the Red Cross to begin sheltering procedures

Notify State Emergency Management and request state and/or federal assistance

Disseminate information and instructions to the public through the local media

Instruct emergency services chiefs to implement their evacuation procedures

Make those expedient decision necessary to protect the lives and property of the citizens

The Emergency Management Director will:

Coordinate the community efforts and any outside assistance that is available

Advise the Board of Selectmen on the current status of events and make emergency management recommendations

Maintain contact with the media and prepare news briefings for the Board of Selectmen to disseminate

Perform such other functions as directed by the Board of Selectmen

The Police Department will

Continue on-going disaster operations

Determine traffic routes for evacuees to reach shelter

Establish and maintain control points to maximize traffic flow

Organize patrols to provide security in the evacuated area

Maintain emergency communications capability

Arrange transportation to shelters through the school bus coordinator for those who need it and establish pick-up points for said transportation

Distribute personnel and vehicle identification to key workers and emergency services personnel

The Fire Department will:

Maintain on-going disaster operations

Provide personnel to assist the Police Department in maintaining traffic control points, if possible

Identify those handicapped persons needing assistance to relocate

The Rescue Service will:

Maintain on-going disaster operations

Provide emergency medical treatment and evacuate the injured

Provide assistance for handicapped persons to relocate

Coordinate the evacuation of health facilities with the Health Officer

The Road Agent will:

Maintain on-going disaster operations

Provide barricades, cones and/or other devices to the traffic control points designated by the Police Department

Assist in maintaining traffic control points, if possible

Keep the evacuation routes open

Clear parking areas at the shelters, if necessary

Request assistance from local contractors for personnel and equipment, if necessary

The School Department will:

Provide for the orderly shutdown of classes

Release or hold the students, as the situation warrants

The Health Officer will:

Recommend to the Board of Selectmen those buildings suitable and available for sheltering evacuees

Coordinate the shelter operation with the Red Cross

Coordinate the health and medical evacuation procedures with the Rescue Service, local physicians and nurses, area hospitals and the State Division of Public Health

Establish procedures to prevent the spread of infectious diseases among evacuees

Assist the Rescue Service in establishing procedures with the Portsmouth Regional Hospital for the transfer of patients

Provide medical treatment capabilities for those people who cannot or will not evacuate

ERP-04– FIRE AND/OR EXPLOSION PROCEDURE

The objective of this Emergency Response Procedure is to identify the appropriate actions to take in the event of a fire or explosion at the NEL facility.

1. If you observe a fire and/or explosion at the NEL facility, call the Control Room by dialing the control room or pull the nearest fire alarm. Give specific directions to the area affected by the fire or explosion. Provide the CONTROL ROOM with sufficient information to determine what response actions and resources are necessary.

2a. If a fire or explosion is ongoing, the CONTROL ROOM shall immediately call external 911 (Newington Fire) and provide the dispatcher with the following information, if possible: location of fire, number of buildings involved, time fire started or explosion occurred, number of employees working in the affected building(s), what chemicals may be burning or stored in the building(s), and any other pertinent information.

2b. The CONTROL ROOM shall then notify and direct the First Responders to the scene. Depending on the severity of the fire or explosion, the Responder(s) should wait at a safe distance to direct other responders or implement evacuation of the area, if necessary.

2c. The CONTROL ROOM shall monitor the gates to direct any emergency vehicles to the scene. If possible, a plant employee will be at the gates and shall provide Newington Fire with the pre-incident planning form information for the building(s) where the fire/explosion is occurring. The Incident Commander will assign personnel to proceed to the gate to escort responders to the scene.

3a. The first responders shall evaluate the fire/explosion to determine:

- Location
- Material burning
- Potential spread/exposures
- Fire protection systems activated
- Employee evacuation on-going or required
- Other potential safety/environmental hazards.

The evaluation information can be relayed by the First Resonders either upon the Newington Fire Department arrival on-scene or through direct radio communication with incoming Newington Fire apparatus.

3b. If Responder(s) determine that the fire is already extinguished or will be extinguished immediately using on-site resources (incipient stage fires only), the Incident Commander can cancel Newington Fire prior to its arrival.

3c. If the potential for encounter with smoke or an Immediate Dangerous to Life and Health (IDLH) atmosphere exists, prior to entry, the First Responders and plant personnel may don self contained breathing aparatus (SCBA). SCBA shall only be worn by personnel trained and medically cleared for its use. Upon encountering smoke or a potential IDLH environment, First Responders and plant personnel shall immediately activate their SCBA unit and exit the area. The First Responders and plant personnel shall not use SCBA for any fire fighting or search and rescue purposes, but rather solely for respiratory protection during egress. In addition, the First Responders shall not enter a building where an existing IDLH atmosphere is present except within the provisions of paragraph 6, below. All fire fighting beyond the incipient stage, and all personnel search and rescue shall be performed by the Newington Fire Department.

4. Responder(s) shall ensure that any affected electrical systems are shut down along with any affected operations, if it is safe to do so.

5. The CONTROL ROOM will notify the First Responder and the Emergency Coordinator (EC), of the arrival of the Newington Fire Department. The First Responder and/or EC will report to the scene, if necessary, and coordinate with the Newington Fire Department in establishing an on-scene mobile command post to direct fire or explosion responders, and activate the Emergency Operations Center (EOC). They will direct individuals to assemble at the command post or EOC to help coordinate response efforts, verify that the appropriate fire or explosion response personnel have responded to the incident, and call the CONTROL ROOM to obtain additional back-up, if necessary.

6. All First Responders will assist the Newington Fire Department as necessary and as directed (if the activities can be conducted in a safe manner) by the Incident Commander

    - Connections to water sources.
    - Identification of materials involved.
    - Use of proper personal protective clothing.
    - Identification and manning of fixed fire suppression equipment for manual operation.
    - Isolation of electrical systems.

7. Responders will identify any hazardous substances that may have been involved in the fire or explosion. MSDS may be obtained from the electronic database, or if necessary and safely obtainable, hard copies in the control room respectively). Responders shall also refer to the U.S. Department of Transportation Guidebook for First Response to Hazardous Materials Incidents for Emergency Actions for Small and Large Fires. The Responder(s) shall implement ERP-05, as needed, to address a spill of oil or hazardous material associated with the fire or to initiate cleanup activities.

8. The Responder(s) will evaluate the need for medical services, perform rescue operations and evacuate nearby buildings. Refer to ERP-02 for medical procedures and ERP-03 for evacuation procedures.

9. The Incident Commander will assess actions needed to mitigate on-site and off-site impacts and environmental impacts.

10. The Incident Commander will determine when the emergency is over and provide the "all clear" announcement.

11. After the emergency has been terminated, the Incident Commander shall coordinate a debriefing and emergency documentation. Other activities to be considered/conducted following termination of the incident shall include:

    - Briefing Public Relations so that all questions can be directed to them.
    - Fire Inspectors will replace sprinkler heads, reopen control valves and replace/refill discharged fire extinguishers.
    - Forming a team to clean up the property to get the affected area back in operation.
    - Conducting a debriefing/critique of the Fire/Explosion ERP.
    - Conducting an incident investigation

PERSONNEL SPECIFIC DUTIES

Control Room

- Serve as Incident Commander until relieved.
- Serve as communications coordinator, log all communications.
- Notify additional resources as directed by the Incident Commander.
- Call Newington Fire Department if incident presents immediate danger.
- Notify First Responders.
- Notify EHS Responder when off-site resources are notified.
- Notify Emergency Coordinator.

First Responders

- Respond to all real and potential emergencies as directed by the CONTROL ROOM.
- Provide traffic and crowd control. Direct emergency vehicles.
- Provide security.
- Assist with evacuation.
- Perform hazard evaluation.
- Coordinate/assist with other Responders.
- Report to the location of the emergency as reported by the CONTROL ROOM, or respond directly to the area of an alarm device.
- Evaluate fire/explosion. If smoke or potential IDLH, evacuate immediately.
- Conduct evacuation, if necessary.
- Perform hazard evaluation.
    - Proceed to extinguish incipient stage fires.
    - Coordinate with/assist other Responders.
    - Indicate the "all-clear" for employee re-entry to the Incident Commander for incipient stage fires that have been extinguished and are not under the control of the Newington Fire Department.

- Respond to the scene.
- Coordinate with/assist other Responders.
- Serve as the Incident Commander of First Responders.
- Provide assistance with utility shut off and control.
- Assign personnel to proceed to gate to direct Responders to scene.

Environmental Health and Safety

- EHS Responder and other EHS personnel patrol the area at a safe distance for additional safety and environmental hazards.
- Serve as the Incident Commander, if necessary.
- Make regulatory notifications as directed by the Emergency Coordinator.

Newington Fire Department

- The Newington Fire Department is the primary responding agency to incidents of fire or explosion, with exception of incipient fires extinguished by Plant Personnel.
- Perform any required search and rescue.
- Provide "all clear" announcement to the Incident Commander when re-entry into evacuated areas is possible.

Emergency Coordinator

- Activate Emergency Response Organization (ERO), if necessary.
- Serve as the Incident Commander, if necessary.
- Request CONTROL ROOM to notify Qualified Individual, if necessary.
- Direct regulatory notifications.

Incident Commander

- Coordinate Responders.
- Request CONTROL ROOM to make notifications for additional resources.
- Make the "all clear" announcement.
- Document response actions and conduct debriefing critique of ERP.

ERP-05 SPILL/RELEASE PROCEDURE

Significant spillage of certain types of materials that are at the NEL facility may need to be reported to agencies such as New Hampshire Department of Environmental Services (NH Des) , Environmental Protection Agency (EPA), U.S. Coast Guard, etc. Substantial fines can result from improper or unauthorized handling of spills, as well as from not reporting them to the proper agencies.

The objective of this Emergency Response Procedure is to identify the appropriate actions to take when a spill or release of oil, hazardous materials or other potentially harmful substances (i.e., sanitary waste, blood, etc.) occurs at the NEL facility. The intent is to minimize the health, safety and environmental impacts from a discharge of oil or hazardous material from the facility and to prevent discharge(s) from leaving the site, especially to the storm drains and the Piscataqua River or sewers at the facility. Response activities will be completed only when it is determined to be safe to do so.

A spill is defined as a release of a material from outside its normal container. Spilled materials can be liquid, solid, or gas in nature. Because fires also release chemicals (smoke, fumes, etc.), they fall into the definition of a spill and therefore, also need to be reported internally. Releases into spill containment areas (dikes, separators, etc.) are still considered spills, must be reported internally, and may need to be reported to governmental agencies depending upon the type and quantity of material released.

1. If you detect a spill at the facility:
    - Immediately call the Control Room. Provide information regarding the nature and extent of the spill so that the Control Room can initiate appropriate response activities. This information shall include:
        - Type of chemical spilled;
        - Location of the spill;
        - Approximate volume of the spill;
        - Number of injured employees; and
        - If possible, a copy of the MSDS for the spilled chemical.

- Determine if the spill is **significant** by comparing the estimated amount and type of material spilled with the significant spill quantity information found in table 1 below. If the material spilled is not listed in here, assume that the incident is a significant spill.
- If the spill is **not significant**, operations must clean up the spill immediately. For non-significant spill clean up procedures, refer to the MSDS or contact the EHS Coordinator. Notify your supervisor and/or Plant EHS Coordinator following clean up.

Table 1
Significant Spill Quantities, in Gallons and Location Spilled

Material	Into Sanitary Sewer or Floor Drains in Buildings	Into Storm Sewer or Piscataqua River	Onto Building Floor (where no floor drains are present)	Anywhere Outside (including diked areas)
Acids (except chromic)	any	any	5	5
Asbestos	any	any	any	any
Blood or other Body Fluids	any	any	any	any
Caustics	any	any	5	5
Hazardous Waste	any	any	any	any
Mercury	any	any	any	any
Non-Hazardous Liquid and Sludge Waste	any	any	any	any
Oils and Fuels	any	any	25	25
Sodium Hypochlorite	any	any	any	any
PCBs	any	any	any	any
Solvents	any	any	1	1
Spill of unknown materials, fires, or materials that are not listed must be called in to the CONTROL ROOM.				

2. If you detect a spill that is in progress, initiate actions to stop or control the spill, <u>if it is safe to do so</u> and you are adequately trained and authorized to do so. Your supervisor should be informed of the spill as soon as conditions permit.

3. Based on the information provided, the CONTROL ROOM will notify the First Responders and direct them to the scene. The CONTROL ROOM may also notify additional response personnel, including the emergency coordinator (for significant spills), Newington Fire (in case of fire/explosion, the waste contractor, and/or off-site resources (such as the Oil Spill Response Organization [OSRO]) as directed by the Incident Commander.

4a. Upon arrival at the scene, the Responder(s) shall assess the spill event and secure access to the affected area. Depending on the type or quantity spilled, the product may be toxic if ingested, or it may be a skin or eye irritant. Product vapor may be an eye or respiratory irritant, and may produce headaches or nausea if concentrated. Vapors may be flammable or explosive. Material Safety Data Sheets for each product (available from the electronic database or in hardcopy format in control room and will give specific information on these matters.

4b. The Responder(s) will determine if any injuries are involved, and if so, will implement or direct someone else to implement ERP-02, Medical Emergency Procedure.

4c. The Responder(s) will determine if evacuation is necessary, and if so, will implement or direct someone to implement ERP-03, Evacuation Procedure.

4d. The Responder(s) will determine if a fire/explosion hazard exists, and if so, will implement or direct someone to implement ERP-04, Fire/Explosion.

5. The Responder(s) should cordon off and secure the spill area, at a safe distance and should arrange to have any potentially affected storm drains/manholes covered immediately and secure any affected operating equipment and possible ignition sources or other hazards.

6. The Incident Commander should designate support, decontamination and hot zones as necessary.

7. If the release has impacted or may potentially impact the Piscataqua River, the Responder(s), under the direction of the Incident Commander, should secure access to the affected area, which may include:

    - request the CONTROL ROOM to notify the EHS Responder;
    - closing the Piscataqua River to all traffic by notifying the Harbor Master/US Coast Guard;
    - securing road and/or rail traffic on bridges across affected portions of the river for spills of fuel;
    - securing necessary electrical power and other ignition sources to the plant water front areas; and
    - securing skimmers and/or booms near plant water suctions and discharges on or near affected portions of the river.

8. **SPILL RESPONSE PROCEDURES FOR SPECIFIC SPILL SCENARIOS**

Under supervision or direction of the Incident Commander, employees shall respond in accordance with their training and abilities to the following spill/release scenarios.

Transfer Equipment Failure. In the event of transfer equipment failure, not necessarily resulting in a spill, the following procedures shall be executed:

- Secure operations with the affected equipment.
- Isolate the transfer equipment from the rest of the system.
- Place containers and sorbent materials to effectively contain spilled product.
- Attempt to prevent product from entering storm drains.
- Determine the cause of failure if possible.
- Notify appropriate facility personnel.

Tank Overfill. Fuel oil storage tanks are located inside secondary containment In the event of a tank overfill the following procedures shall be executed:

- Secure transfer operations.
- Secure vent valve.
- Place containers and sorbent materials to effectively contain and recover spilled product.
- Place recovered product into waste storage tank.
- Notify appropriate facility personnel.
- Notify the EHS Responder & Qualified Individual.

Tank Failure. A catastrophic tank failure may require the assistance of external resources immediately. Although fuel oil storage tanks are protected within secondary containment, considerable splash over may result in a release of product into the adjacent waterway or storm drains. Additionally, a potential may exist for a major fire and/or explosion. Because of the gravity of the situation the following procedures need to be implemented immediately:

- Secure all fueling operations.
- Secure all valves outside the containment area. DO NOT ENTER THE CONTAINMENT AREA.
- Notify appropriate facility maintenance personnel.
- Keep all unnecessary personnel out of the immediate area.
- Notify the EHS Responder & Qualified Individual.
- Notify off-site response contractor

Piping Rupture. In the event of a piping rupture the following procedures shall be executed:

- Secure all transfer operations on the affected system.

- Isolate the affected section of pipe by closing valves on both sides of the line.
- Place containers and sorbent materials to effectively contain and recover spilled product.
- Place containment boom around affected area.
- Attempt to prevent product from entering storm drains.
- Notify appropriate facility maintenance personnel.
- Notify the EHS Responder & Qualified Individual

Piping Leak. In the event of a piping leak the following procedures shall be executed:

- Secure transfer operations on the affected system.
- Place containers and sorbent materials to effectively contain and recover spilled product.
- Attempt to prevent product from entering storm drains.
- Notify appropriate facility maintenance personnel.
- Notify the EHS Responder & Qualified Individual.

Explosion and/or Fire. In the event of explosion or fire the following procedures shall be executed:

- Secure all fueling operations.
- Secure all valves that are accessible. DO NOT ENTER THE BURNING AREA.
- Notify appropriate facility personnel.
- Evacuate all personnel from the immediate area.

Pump Failure. In the event of a pump failure result in a release, the following procedures shall be executed:

- Secure fuel transfer operations on the affected system.
- Isolate the pump from the storage tank.
- Drain the product from the pump and discharge line into an approved container.
- Place sorbent materials around the pump in preparation for removal by facility maintenance personnel.
- Attempt to prevent product from entering storm drains.
- Place blank flanges or caps on the exposed pipe ends after pump removal.

Relief Valve Failure. In the event of a relief valve failure the following procedures shall be executed:

- Secure the pump.

- Isolate the relief valve from the system by closing valves on either side of the affected component, if possible.
- If the affected system has a bypass feature, align the system for bypass and
- drain the affected piping into a suitable container.
- Place sorbent material strategically around potential leak areas to contain escaping product.
- Notify appropriate facility personnel.

9. If a potential Reportable Quantity (RQ) has been released, the Incident Commander will request the CONTROL ROOM to notify the EHS Coordinator to assist in the evaluation of the spill/release to determine whether the release potentially triggers any reporting criteria.

10. If the spill/ release involves/results in property damage, fire (beyond incipient stage), hospitalization, and/or regulatory reporting requirements (i.e., all releases to the Piscataqua River and other specific volumes of certain materials to the environment) and/or additional off-site resources are required to contain/remediate the spill/release, the Incident Commander shall request the CONTROL ROOM to notify the Emergency Coordinator.

11. Following the completion of spill response activities, the Incident Commander should contact the EH&S Coordinator to arrange for the storage and disposal of waste generated during spill response. Types of solid materials that may need to be disposed of include sorbent pads, protective clothing, and soil impacted by the release. Liquids would include water, oil, and chemicals recovered as part of the spill response activity, as well as fluids used for decontamination processes.

    GEPS's existing waste management program can be used to appropriately handle most of the materials generated during spill response. Soils that are excavated must be transported to a secure location at the designated soil stockpile area, where they must be segregated, placed on plastic sheeting, covered, and labeled pending characterization and disposal. Other solid waste, slurry, sediment, and liquid waste must be containerized in drums or tanks and labeled with sufficient information to enable subsequent tracking and disposal. The EHS department must be notified of the quantities, nature, and date of generation of all waste products, and is responsible for arranging for classification and recycling, re-use, or disposal in accordance with State and Federal regulations and existing facility permits.

12. After the spill/release incident has been stabilized or remediated, the Incident Commander shall conduct a debriefing/critique of the spill/release ERP.

PERSONNEL SPECIFIC DUTIES

Control Room

- Incident Commander until relieved.
- Serve as communications coordinator, log all commmunications.
- Notify additional resources as directed by the Incident Commander.
- Notify First Responders & Qualified Individual.
- Notify Emergency Coordinator in cases of property damage, fire (beyond incipient), hospitalization required, and regulatory reporting required, as directed by the Incident commander.

First Responders

- Report to the location of the emergency as reported by the CONTROL ROOM, or respond directly to the area of an alarm device.
- Conduct evacuation, if necessary.
- Proceed to extinguish incipient stage fires.
- Coordinate/assist other Responders.
- Indicate the "all-clear" for employee re-entry to the Incident Commander for incipient stage fires that have been extinguished and are not under the control of the Newington Fire Department.
- Perform hazard evaluation.
- Assist other Responders in conducting defensive spill response measures.

Environmental Health and Safety

- Designate support, decontamination and hot zones.
- Direct responses to significant spills.
- Determine if release triggers any reporting criteria.
- Serve as the Incident Commander/Qualified Individual, if necessary.
- Conduct any regulatory notifications as directed by the Emergency Coordinator.
- EHS Responder and other EHS personnel patrol the area at a safe distance for additional safety and environmental hazards.
- Direct storage and disposal of waste generated during spill response activities.

Newington Fire Department

- In the event that an emergency expands beyond the capability of plant personnel, the Newington Fire Department is the primary responding agency.
- Newington Fire will perform any required search and rescue.
- Provide "all clear" announcement to the GE Incident Commander when re-entry into evacuated areas is possible.

Emergency Coordinator

- Designate support, decontamination and hot zones.
- Direct responses to significant spills, as appropriate.
- Serve as the Incident Commander, if necessary.
- Direct or make regulatory notifications.

Incident Commander

- Coordinate Responders.
- Request CONTROL ROOM to make notifications for additional resources.
- Document response actions and conduct debriefing/critique of ERP.
- Provide the "all clear" announcement.

ERP-06 – SECURITY DISTURBANCE, BOMB THREAT PROCEDURE and, SUSPICIOUS MAIL/PACKAGES

The objective of this Emergency Response Procedure is to identify the appropriate actions to take in the event of a security disturbance, bomb threat or suspicious mail/packages.

1a. If you receive a bomb threat, remain calm and courteous. Listen to the caller; do not interrupt the caller. Note the exact message stated by the caller. Note the exact time and date the call was received.

1b. Complete the attached Bomb Threat- Operator Checklist (attached below)

2. Suspicious mail and or package instructions (see attached below)

3. For all security disturbances, bomb threats, and suspicious mail/packages:

3a. Notify the Control Room.

3b. The CONTROL ROOM will contact the Facility Manager and the Emergency Coordinator (EC). The CONTROL ROOM will also notify the First Responders.

3c. The EH&S Manager will determine if the threat is perceived as genuine and a possible actual threat exists. The EH&S Manager will contact local and state police and the state police bomb squad, if necessary.

3d. The Incident Commander will activate ERP-03, Emergency Evacuation Procedure, if necessary.

3e. The EC will request the CONTROL ROOM to notify the Qualified Individual (QI), who will contact the Facility Manager and if necessary the customer's representative.

3f. Newington Police will address any security disturbance with assistance from outside resources, if necessary. First Responders will provide assistance to outside resources conducting bomb searches, but shall <u>not</u> directly participate in the search.

3g. The Incident Commander will give an “all clear”; based on input from the Newington Police, Newington Fire, and any other outside agencies responding to the incident.

3h. After the incident is determined to be over, the Incident Commander shall conduct a debriefing/critique of the ERPs.

Bomb Threat- Operator Checklist

CALLER CHARACTERISTICS

CALLER'S VOICE SPEECH

Male: _____ Female: _____

Approx Age: _____ Ethnic Group: _____

MOOD OF CALLER / RATE OF

Calm: _____ Slow: _____

Angry: _____ Normal: _____

Excited: _____ Rapid: _____

VOICE CHARACTERISTICS

Accent: _____ Drunk: _____

Lisp: _____ Other: _____

LOUDNESS OF VOICE / ATTITUDE

Soft: _____ Sincere: _____

Normal: _____ Disguised: _____

Loud: _____ Familiar: _____

BACKGROUND NOISES

Street Sounds: _____ Rail Sounds: _____ Plane Sounds: _____ Home Sounds: _____

Bar Sounds: _____ Music: _____ Machines: _____ Bedlam: _____

QUESTIONS TO ASK

1. WHEN WILL THE BOMB EXPLODE ? _____
2. WHERE IS THE BOMB ? _____
3. WHAT DOES IT LOOK LIKE ? _____
4. WHAT KIND OF BOMB IS IT ? _____
5. WHAT WILL CAUSE IT TO EXPLODE ? _____
6. WHY DID YOU PLACE THE BOMB ? _____
7. WHAT IS YOUR NAME ? _____
8. WHAT IS YOUR ADDRESS ? _____

CALL RECORD

Exact language used:_____

Exact time of call: _____ Date of call: _____ Number called: _____

Call received by: _____ Location: _____

Action taken: _____

Handling of Suspicious Mail

All personnel who handle mail have a responsibility to consistently follow the established safety procedures. One of these procedures is to maintain caution and follow directives when dealing with suspicious mail in terms of explosives and biochemical threats. The goal of this procedure is to provide the steps that you must follow in order to protect yourself and all other personnel in the facility. We must be ready to act in the event any of us come across a piece of suspicious mail. **Be aware that explosive or biohazard material can be enclosed in either a package or an envelope.**

What makes a piece of mail or parcel suspicious?

- Has protruding wires, strange odors or stains
- Lopsided, oddly shaped
- Has an unusual weight, given its size
- Shows a city or state in the postmark that doesn't match the return address
- No return address or an addressed that cannot be verified
- Addressed to someone no longer at your location or is outdated in any way
- Marked with restrictive statements, such as "Personal" or "Confidential"
- Mail may have distorted handwriting or the name and address may be prepared with homemade labels or cut and pasted lettering
- Mail bombs may have excessive postage. Letter bombs may feel rigid or appear uneven or lopsided
- Package may be unprofessionally wrapped, several combinations of tape used to secure the package
- Package may be endorsed " Fragile - Handle With Care" or "Rush - Do Not Delay"
- Package bombs may make a sloshing sound, but generally do not tick or buzz

THE MAILROOM WILL NOT DELIVER ANY MAIL AND/OR PACKAGE IF DETERMINED SUSPICIOUS

Use of Gloves for Handling of Mail

As a general rule, gloves are not required to handle mail. However, if a person desires to use gloves it is recommended that N-dex nitrile type (not latex) gloves be used since these are less likely to cause an allergic reaction. Employees are recommended to use gloves if he/she has open cuts or sores until these injuries heal. Mailrooms are expected to maintain a supply of gloves for employee use.

Employees who wear gloves to handle and deliver mail are to discard the gloves by traditional means (garbage) upon completion of a shift or a work period. For instance, if an employee handles mail in the morning and leaves the work area for lunch, the gloves would be discarded and a new pair would be made available to the employee for the afternoon work period.

Plastic sealing or Zip Lock bags will be available in each site for containment of any suspicious substances.

What should I do if I receive a suspicious package in the mail?

- **Do not try to open the package or envelope**.
- Isolate the parcel or letter, place it is a plastic bag or other container, and do not move it further.
- Evacuate the immediate area.
- Wash hands with soap and warm water

- Make a list of all the people who had contact with the package or envelope, include contact information, and provide the list to the emergency responders.
- **Emergency response personnel will take the parcel away, assess the situation and coordinate**

with officials, **and report back to you with information.**

- Contact the following personnel immediately:
  - Site manager, site EHS coordinator, and site medical personnel (if present)
  - PS HQ Security, EHS, Medical and Facilities, as applicable
  - Local police

What should I do if I am exposed to a substance that I suspect may be a dangerous substance?

- DO NOT try to CLEAN UP the powder. COVER the spilled contents immediately with anything (e.g., clothing, paper, trash can, etc.) and do not remove this cover!
- Then LEAVE the room and CLOSE the door, or section off the area to prevent others from entering (i.e., keep others away).
- Report the incident to your supervisor immediately who should notify the above PS personnel, building security and police.
- Ensure everyone who had contact with the piece of mail washes his or her hands with soap and water.
- Make a list of all the people who had contact with the package or envelope, include contact information, and provide the list to the emergency responders.
- Place all items worn in contact with the suspicious mail in plastic bags or other container and present them to emergency response personnel.
- **Emergency response personnel will take the parcel away, assess the situation and coordinate with officials, and report back to you with information.**
- SHOWER with **soap and water** as soon as possible.

The Supervisor or Site Manager is to ensure that the following take place:

- Notify PS security, EHS, Medical and Facilities.
- Notify the local police and the Postal Inspector at (800) 654-8896.
- Notify local, county, and state health departments.
- Ensure that all persons who have touched the letter wash their hands with soap and water.
- List all persons who have touched the letter and/or envelope. Include contact information. Provide the list to the emergency responders.
- Place all items worn when in contact with the suspected mail piece in plastic bags and keep them wherever you change your clothes and have them available for law enforcement agents.
- If prescribed medication by medical personnel, take it until otherwise instructed or it runs out.

POSSIBLE ROOM CONTAMINATION BY AEROSOLIZATION:

1. Turn off local fans or ventilation units in the area.
2. LEAVE area immediately.
3. CLOSE the door, or section off the area to prevent others from entering (i.e., keep others away).
4. Report the incident to your supervisor immediately who should notify the police & building security
5. SHUT down air handling system in the building, if possible.
6. List all people who were in the room or area. Give this list to both the local public health authorities so that proper instructions can be given for medical follow-up and to law enforcement officials for further investigation.

Suspicious Package/Letter/Materials Emergency Procedures

Suspicious package characteristics	
~Large envelopes with excessive postage (too many stamps). ~Fictitious or no return address.	~ Packages or letters containing fine materials (talc consistency), powdery materials, granules, containers with unknown liquids
~An unexpected piece of mail, or one from an unknown sender.	~ Oil stains on the package.
~ Packages that make a sloshing, buzzing or ticking sounds	~ Protruding wires, foil or string.
~ Postmarks that differ from the return address.	~ Packages with combinations of tapes to secure them.
~Bulk and weight of package greater than normal air mail (2 ounces or more).	

Step	Task	Complete
1	Notification received of a Suspicious Package/Materials Notifier Name:_____ Location Received: _____ Notifier Phone: _____ Comments: _____	☐
2	Dispatch Security Officer and on-duty Response Team to the site.	☐
3	The following personnel will be notified by direction of the on-duty Response Coordinator: ***TBD by Facility Manager.***	☐
4	Ensure responding personnel do not touch or move the suspicious package or object. (see below exception)	☐
5	Have the Security Officer/on-duty Response Coordinator ask individuals in the area if the package belongs to them or if they put it there. Have them contact any individuals responsible for that area and ask if they possibly placed the suspicious package there. If an individual claims, and can identify the suspicious package, then there is no need to proceed.	☐
6	If it is determined that the package is not the property of anyone and unable to verify the contents remove all persons at risk.	☐
7	The Response Coordinator will contact the Security Department with the following information: a. What the package looks like?_____ b. Where the package is located?_____ c. What time it was discovered?_____ d. Who discovered the package? _____ e. Any other useful information_____ *Note: If determined there is a possibility of a "Biohazard Threat," refer to Attachment 1.*	☐
8	The on-duty Response Coordinator will make the appropriate notifications and, on a case-by-case basis, determine the next steps and back-brief as required. If necessary, the Response Coordinator will request advice and assistance from Headquarters Security and/or Corporate Security Management.	☐
9	If required, and as directed, notify local authorities.	☐
10	Upon completion of the incident, ensure all back-brief notifications are accomplished and an Incident Report completed. http://ehsweb.sch.ge.com/ehs/security/incidentreport.cfm	☐

The determination to evacuate is the GEPS Security Director's discretion. During evacuation, the on-duty Team Leader/Lead Officer will ensure all personnel are moved to at least 200 yards away from the suspected device.

PERSONNEL SPECIFIC DUTIES

Control Room

- Incident Commander until retrieved.
- Serve as communications coordinator, log all communication.
- Notify Security Manager and Emergency Coordinator.
- Notify additional resources as directed by the Incident Commander.
- Notify First Responders.

First Responders

- Respond to all real and potential emergencies as directed by the CONTROL ROOM.
- Provide traffic and crowd control. Direct emergency vehicles.
- Address security disturbances.
- Provide assistance to outside resources conducting bomb search, but shall not participate directly in bomb search.
- Coordinate with/assist other Responders.
- Perform hazard evaluation.
- Report to the location of the emergency as reported by the CONTROL ROOM, or respond directly to the area of an alarm device.
- Assess the need for evacuation.
- Provide assistance to outside resources conducting bomb search, but shall not participate directly in bomb search.
- Perform hazard evaluation.
- Coordinate with/assist other responders.
- Provide assistance to outside resources.
- Respond to scene as directed by CONTROL ROOM.
- Coordinate with/assist other Responders.
- Provide assistance to outside resources conducting bomb search, but shall not participate directly in bomb search.
- Serve as Incident Commander of First Responders.
- Provide assistance with utility shut off and control.
- Assign personnel to proceed to gate to direct responders to scene.

EH&S Manager

- Determine if threat is genuine.

- Coordinate with/assist Incident Commander.
- Contact local and state police and state police bomb squad, if necessary.

Emergency Coordinator

- Request CONTROL ROOM to notify Qualified Individual.
- Serve as Incident Commander, if necessary.
- Provide feedback on necessity of further evacuation needs.

Qualified Individual

- Notify the customer and other company officials.

Newington Fire Department

- In the event that an emergency expands beyond the capability of plant personnel, the Newington Fire Department is the primary responding agency.
- Provide “all clear” announcement to the GE Incident Commander when re-entry into evacuated areas is possible.
- Notifies additional resources (i.e., State Police) through Mutual Aid.

Incident Commander

- Coordinate Responders.
- Request CONTROL ROOM to make notifications for additional resources.
- Document response actions and conduct debriefing/critique of ERP.
- Provide the “all clear” signal.

ERP - 07 UTILITY FAILURE PROCEDURE

The objective of this Emergency Response Procedure is to identify the appropriate actions when a failure of a utility system occurs at the NEL facility. This failure of the utility can be anything from a major power outage to a leak in the steam, natural gas, transformer, compressed air, water and sewer systems or an isolated power outage that just affects a certain area of the facility or process line. The intent is to minimize the health, safety, and environmental impacts as a result of the loss of these critical utilities that may result in injury to any employees or cause the discharge of a hazardous material.

1. If you detect a failure or loss of a utility service at the facility, immediately call the Control Room. Provide information regarding the nature and extent of the utility failure so that the CONTROL ROOM can initiate appropriate activities by the response team.

2. The CONTROL ROOM will contact the First Responders and direct them to the scene.

3. If you detect a leak in a utility system and the leak is small and not creating a hazard, begin response actions (such as, secure and contain or clean up) if it is safe and you are adequately trained and are authorized to do so.

4. If you detect a leak or outage that is in progress, initiate actions to stop the leak and restore the outage, if it is safe to do so and you are adequately trained and authorized to do so. Your supervisor should be informed of the incident as soon as conditions allow.

5a. Upon arrival at the scene, the First Responders shall assess the event and secure access to the affected area. Depending on the type of outage or leak, the First Responders will determine if any injuries are involved and if so will implement or direct ERP-02, Medical Procedure. If the outage or leak has resulted in the release of hazardous material, implement ERP-05, Spill Release Procedure. An MSDS for each product is available electronically in certain plant areas and in hard copy at the EHS Department located in Building 64.

5b. The First Responders will also determine if evacuation is necessary and if so will implement or direct someone to implement ERP-03, Evacuation Procedure.

5c. The First Responders will determine if a fire/explosion hazard exists and if so will implement or direct someone to implement ERP-04, Fire/Explosion Procedures.

6. The Incident Commander shall request the CONTROL ROOM to notify the Emergency Coordinator if property damage, fire, injuries requiring hospitalization, or reportable releases occur as a result of the utility failure.

7. The Incident Commander will continue to the coordinate incident until utility outage or leak and any hazards are isolated and restored.

8. The Incident Commander will review with the response team and all others involved and obtain agreement on the fact that the emergency condition is secured and safe to continue operations.

9. The Incident Commander conduct a debriefing/critique of the emergency response and document incident details.

PERSONNEL SPECIFIC DUTIES

Control Room

-
- Incident Commander until relieved.
- Serve as communications coordinator, log all communication.
- Notify additional resources as directed by the Incident Commander.
- Notify First Responders.
- Notify the Emergency Coordinator in cases of property damage, fire (beyond incipient), injuries requiring hospitalization, and/or regulatory reporting required, as directed by the Incident Commander.

First Responder

- Respond to all real and potential emergencies as directed by the CONTROL ROOM.
- Provide traffic and crowd control. Direct emergency vehicles.
- Provide initial medical response.
- Provide security.
- Assist with evacuation.
- Perform Hazard Evaluation.
- Coordinate with/assist other Responders.
- Report to location of the emergency as reported by the CONTROL ROOM, or respond directly to the area of an alarm device.
- Conduct evacuation, if necessary.
- Proceed to extinguish incipient fires.
- Coordinate with/assist other Responders.
- Perform hazard evaluation.
- Respond to scene as directed by CONTROL ROOM.
- Coordinate with/assist other Responders.
- Perform hazard evaluation
- Provide assistance with utility shut off and control.

Incident Commander

- Coordinate Responders.
- Request CONTROL ROOM to make notifications for additional resources.
- Document response actions and conduct debriefing/critique of ERP.

ERP-08 – SEVERE WEATHER PROCEDURE
1. GE management and/or Incident Commander will monitor information on severe weather from all available sources.
2. Employee communications regarding instructions on securing buildings and other areas of responsibility, will be directed by GE management and/or the Incident Commander.
2a. First Responders, GE Management, and EHS will assist in distributing information and communications as directed by the Incident Commander.
3. Responders and plant personnel will conduct and/or coordinate defensive measures (if safe to do so) as directed by the Incident Commander to protect personnel, the environment, and property from the effects of severe weather. Efforts will be focused on areas containing oils and hazardous materials, especially those that are subject to flooding.
3a. Prior to potential high wind events, Responders and plant personnel shall patrol the facility to identify and coordinate activities (as directed by the Incident Commander) to ensure windows and overhead doors are closed and loose materials outside are secured or placed indoors.
3b. Prior to potential flooding events, Responders and plant personnel shall patrol the facility to insure storm drains are open, insure emergency response equipment is accessible, coordinate with on-site hazardous waste contractor to insure oil and hazardous material storage areas are secure and if in an area prone to flooding, moved to a different area.
4. If a medical emergency, fire/explosion, spill/release, or utility failure occurs and/or evacuation is required, implement ERP-02, Medical Emergency Procedure; ERP-04, Fire/Explosion Emergency Procedure; ERP-05, Spill/Release Emergency Procedure; ERP-07, Utility Failure Emergency Procedure; and/or ERP-03 Emergency Evacuation Procedure, if required.
5. Incident Commander activates the Emergency Operations Center, if necessary.
6. EHS Responder evaluates impacted areas for potential safety and environmental hazards.
7. Incident Commander notifies Emergency Coordinator of property damage, hospitalization, fire (beyond incipient), or regulatory notification required.
8. GE Incident Commander gives “all clear” when the incident/emergency is over.
9. The Incident Commander conducts a debriefing/critique after the severe weather emergency is over.

ERP-08 – SEVERE WEATHER PROCEDURE

The objective of this Emergency Response Procedure (ERP) is to identify the appropriate actions to take in the event of severe weather, such as hurricanes, tornadoes, snow storms, and/or flooding. These actions are to be taken to protect life, property, and the environment and should be initiated in a timely manner. Although earthquakes are not specifically addressed, the actions described in this ERP and other specific ERPs would be initiated depending upon the effects of the tremors on the facility. As part of normal operations plant personnel will monitor the weather via various forms of media (NOAA Weather radio, Internet weather, field observations) and implement this program as necessary.

1. Communications to employees (all shifts) regarding instructions on securing buildings and other areas of responsibility will be directed by GE management and/or the Incident Commander, depending upon the timing and/or nature of the event. Messages will contain instructions on securing buildings, utilities, and other areas of responsibility, report on the condition of facility gates (open or closed for access), and report on road conditions (road closures, alternative routes, etc.). The communications may be made via the internal phone system, electronic mail, postings, signs, public address systems within buildings, hand-held radios, and/or local radio and televisions stations, depending upon the timing, nature, and severity of the event.

2a. First Responders, GE Management, and EHS will assist with distributing information and communications as directed by the Incident Commander.

2. Responders and other plant personnel will conduct and/or coordinate defensive measures (if it is safe to do so) as directed by the Incident Commander to protect personnel, the environment, and property from the potential effects of severe weather. All personnel shall use extreme caution if leaving protected areas during high wind events and lightning storms. Concentrate efforts in sensitive areas, including fuel farm, test cells and buildings along the river and in low-lying areas that are susceptible to flooding. In preparation for severe weather, Responders shall refuel all response team vehicles, emergency generators, diesel fire pump, portable pumps.

3a. Prior to events with potentially high winds, Responders and other plant personnel shall patrol the facility to identify and coordinate activities (as appropriate and directed by the Incident Commander) to ensure windows and overhead doors are closed, loose materials outdoors are secured or are placed inside buildings or protected areas.

3b. Prior to potential flooding events, Responders and other plant personnel shall: patrol the facility to identify and coordinate required activities to insure storm drains are open; coordinate with GE EH&S and management and if necessary the off-site hazardous waste contractor to insure drums, tanks, and containers of oils and hazardous materials are properly secured, pumped out, placed inside (if outside), or moved out of areas that

are potentially susceptible to flooding (i.e., low lying areas adjacent to storm drains and within the 100-year floodplain); and insure emergency response equipment is accessible.

4. If a medical emergency, fire/explosion, spill/release, and/or utility failure occurs, implement ERP-02, Medical Emergency Response Procedure, ERP-04, Fire/Explosion Emergency Response Procedure, ERP-05, Spill/Release Emergency Response Procedure, and/or ERP-07, Utility Failure Emergency Response Procedure.

5. The Incident Commander will activate the Emergency Operations Center, if necessary. The Emergency Operations Center will be established in the control room.
6. The EHS Responder and other EHS personnel will evaluate any areas impacted by the severe weather for potential safety and environmental hazards.

7. The Incident Commander shall notify the Emergency Coordinator of any property damage, hospitalization, fire (beyond incipient), or regulatory notification requirements.

8. The GE Incident Commander will determine when the incident/emergency is over and provide the "all clear" announcement.

9. After the incident/emergency is over, the Incident Commander shall conduct a debriefing/critique of the Severe Weather ERP and document response actions.

PERSONNEL SPECIFIC DUTIES

Control Room

- Incident Commander until relieved
- Serve as communications coordinator, log all commmunications.
- Notify additional resources as directed by the Incident Commander.
- Notify First Responders.

First Responders

- Respond to all real and potential emergencies as directed by the CONTROL ROOM or Incident Commander.
- Provide traffic and crowd control. Direct emergency vehicles.
- Assist other Responders in conducting defensive response measures.
- EMTs provide initial medical response.
- Provide security.
- Assist with evacuation.
- Perform hazard evaluation.
- Coordinate/assist with other Responders.
- Report to the location of the emergency as reported by the CONTROL ROOM or Incident Commander, or respond directly to the area of an alarm device.
- Conduct evacuation, if necessary.
- Coordinate/assist other Responders.
- Perform hazard evaluation.
- Assist other Responders in conducting defensive response measures.
- Respond to the scene as directed by CONTROL ROOM.
- Coordinate/assist with other Responders.
- Provide assistance with utility shut off and control.
- Perform hazard evaluation.
- Assist other Responders in conducting defensive response measures.
- Assign personnel to proceed to gate to direct outside Responders to scene.

Environmental Health and Safety

- Coordinate activities to address site environmental, health and safety considerations.
- Communicate EHS concerns within their areas of responsibility.
- Conduct any regulatory notifications as directed by the Emergency Coordinator.

- EHS Responder and other EHS personnel patrol the area at a safe distance for additional safety and environmental hazards.
- Direct storage and disposal of waste generated during any emergency response activities.
- Serve as the Incident Commander.
- Assess the location/security of tanks and containers of oils, hazardous materials, and hazardous waste to determine appropriate measures to prevent accidental release or spills during severe weather events.

Emergency Coordinator

- Obtain information on severe weather from all available sources.
- Initiates communications.
- Serve as the Incident Commander.
- Activate the Emergency Operations Center, if necessary.
- Direct or make regulatory notifications.
- Coordinate communications with GEAE upper management.

Incident Commander

- Coordinate Responders.
- Request CONTROL ROOM to make notifications for additional resources.
- Serve as Incident Commander of the First Responders and when the EHS Responder and/or Emergency Coordinator is off site and cannot respond because of the weather.
- Document response actions and conduct debriefing/critique of ERP.
- Provide the "all clear" announcement.

GEAE Management

- Issue communications regarding instructions on securing buildings and other areas of responsibility, with emphasis on securing the physical plant, utilities, and areas of potential EHS impacts.
- Managers provide coordination in their specific areas of responsibilities.

Other Plant Personnel

ERP-08 – SEVERE WEATHER PROCEDURE (CONT'D)

- Patrol the outside of plant areas to ensure windows and overhead doors are closed, loose outdoor materials are secured or are placed inside buildings or protected areas, storm drains are open.
- Coordinate with the on-site hazardous waste contractor and/or waste water personnel to insure drums, tanks, and containers of oils and hazardous materials are properly secured, pumped out, placed inside (if outside), or moved out of areas that are potentially susceptible to flooding.
- Assist Responders with defensive measures if it is safe to do so.

ERP-09 – ANHYDROUS AMMONIA RELEASE PROCEDURE

The objective of this Anhydrous Ammonia Release Emergency Response Procedure is to identify the appropriate actions to take when a release of anhydrous ammonia occurs from the storage tank, lines, or vaporization equipment located on the North side of HRSG # 1. The intent is to minimize the health, safety and environmental impacts from a release of anhydrous ammonia at the facility and surrounding community and to restore the facility to normal operating conditions as quickly as possible.

1. Ammonia has a strong, pungent odor that makes even the smallest of leaks easily detectable by smell. A medium to large leak of ammonia could be detectable from a safe distance through a visual white cloud escaping from the source leak.

2. A release is <u>controllable</u> if the ammonia flow can be shut-off or contained without employees being exposed to health or safety risks, or where the rate of release does not pose immediate danger (e.g., a faint ammonia odor is evident). In this situation, notification should be made immediately to CONTROL ROOM to alert First Responders who are properly trained to shut down required processes, if necessary, and/or the ammonia gas flow.

3. A release is <u>uncontrollable</u> if attempts to shut-off or control the ammonia flow would place a person at a health or injury risk. In this situation, persons should not attempt to contain the release. Instead, they should evacuate the immediate area of the release by moving laterally or upwind of the release area and initiate notifications as indicated below. In the event of an uncontrollable release, the public will be notified and evacuated by the police and fire department. If there is a large vapor release the water deluge system should be triggered remotely to quench the offending vapors.

3a. After personnel move to a location lateral or upwind from the release area, they should call the CONTROL ROOM and inform the CONTROL ROOM of the location (inside or outside) of the release and wind direction or direction in which the vapors appear to be moving (if known).

4. The CONTROL ROOM shall dispatch the First Responders to the scene. The Responder(s) will approach the area from an upwind or lateral direction to secure the area and determine whether evacuation of the Plant is necessary and/or outside resources are needed to control the release.

4a. If evacuation is required, First Responders shall follow ERP-03 and direct employees along evacuation routes and to a rally point that would not be exposed to the ammonia vapors.

4b. Upon evaluation of the release at a safe distance, the Incident Commander will request the CONTROL ROOM to notify Newington Fire (external 911) and/or the on-site hazardous waste contractor to control the release. The CONTROL ROOM will provide the outside responders with directions to approach the incident safely. If these outside resources are called in, the Incident Commander shall also request the CONTROL ROOM notify the EHS Responder and Emergency Coordinator.

5. If it is safe to do so, First Responders shall coordinate with plant personnel to shut off any ventilation systems and close windows and doors in the area to prevent the spread of the ammonia vapors to other areas of the building.

6. Emergency Coordinator report to the scene, if necessary, and coordinate with Newington Fire and/or hazardous waste contractor to determine if additional evacuation of the facility and any off-site, down wind locations is necessary. The Incident Commander will open the Emergency Operations Center, if necessary, and coordinate the response efforts from there or an alternative location.

7. The EHS Responder will evaluate the need for regulatory reporting (if the release exceeds the reportable quantity of 100 pounds or there is an off-site threat) and contact the Emergency Coordinator if regulatory notification is required.

8. Responders shall continually evaluate the need for medical services, rescue operations, and additional evacuation. Indication of potential serious health effects from ammonia vapors may include convulsive coughing, difficult and painful breathing, and/or eye irritation. Direct skin contact with liquid anhydrous ammonia can produce chemical and freeze burns requiring prompt medical attention.

9. After the ammonia release has been controlled and ammonia vapors have dissipated, the Incident Commander shall meet with the Responders to determine that no threat to health or safety exists and then give the all clear signal.

10. After the incident is terminated, the Incident Commander will document response actions and conduct a debriefing/critique of the Anhydrous Ammonia Release ERP.

PERSONNEL SPECIFIC DUTIES

Control Room

- Incident Commander until relieved.
- Serve as communications coordinator, log all communications.
- Notify the First Responders.
- Notify additional resources as directed by the Incident Commander.

First Responders

- Respond to all real and potential emergencies as directed by the CONTROL ROOM and/or Incident Commander.
- Provide security.
- Provide traffic and crowd control. Direct response vehicles.
- Coordinate/assist with other Responders.
- Assist with evacuation.
- Provide medical assistance.
- Assist with closing windows and doors and shutting down the building ventilation system if it is safe to do so.
- Assist in keeping people away from the affected area until the all clear signal is given by the Incident Commander.
- Perform hazard evaluation.
- Report to the location of the emergency as reported by the CONTROL ROOM and/or Incident Commander.
- Perform hazard evaluation.
- Coordinate with/assist other responders.
- Direct response vehicles.
- Assist with evacuation.
- Assist with closing windows and doors and shutting down the building ventilation system if it is safe to do so.
- Assist in keeping people away from the affected area until the all clear signal is given by the Incident Commander.
- Coordinate with/assist other Responders.
- Serve as Incident Commander, if necessary.
- Request CONTROL ROOM to notify EHS Responders, on-site hazardous waste contractor, Newington Fire, and Emergency Coordinator, if necessary.
- Assist with closing windows and doors and shutting down the building ventilation system if it is safe to do so.
- Provide assistance with utility shut off and control.
- Assign personnel to proceed to gate to direct Responders to scene.
- Assist in keeping people away from the affected area until the all clear signal is given by the Incident Commander.

Maintenance Personnel

- Perform any necessary immediate process or ammonia flow shut downs, check for leaks, make minor repairs (e.g., tighten valves, fittings, etc.) if qualified and it is safe to do so.
- Provide assistance with utility shut off and control.
- Assist with closing windows and doors and shutting down the building ventilation system if it is safe to do so.
- Assist in keeping people away from the affected area until the all clear signal is given by the GE Incident Commander.

Environmental Health and Safety

- EHS Responder and other EHS personnel patrol the area at a safe distance to identify additional safety and environmental hazards.
- Serve as Incident Commander, if necessary.
- Evaluate the need for regulatory reporting and make regulatory notifications as directed by Emergency Coordinator.
- Assist with evacuation.
- Assist in keeping people away from the affected area until the all clear signal is given by the GE Incident Commander.

Emergency Coordinator

- Coordinate with other Responder(s).
- Serve as Incident Commander, if necessary.
- Direct regulatory notifications.
- Coordinate with regulatory agencies if evacuation is necessary.

Incident Commander

- Coordinate Responders.
- Request CONTROL ROOM to make notifications for additional resources.
- Notify Emergency Coordinator of any property damage, injuries, or hospitalization.
- Coordinate with Newington Fire.
- Provide the all clear signal once the incident is resolved.
- Document response actions and conduct debriefing/critique of ERP.

OFF-site Hazardous Waste Contractor

- Contain or control the ammonia release using appropriate measures (water deluge spray and/or cover with tarp) wearing appropriate PPE (level B or A).
- Take defensive measures to prevent any water used for defensive measures from reaching storm drains.
- Assist with closing windows and doors and shutting down the building ventilation system if requested by the Incident Commander if Level B or A PPE is required to perform the tasks.

Newington Fire Department

- Provide a water deluge spray, if required, to control an ammonia vapor release.
- Provide medical assistance.
- Conduct search and rescue operations.

ERP-09 ***Anhydrous Ammonia Release Emergency Procedure***
1. If a release is <u>controllable</u> (i.e., flow can be shut off or contained without employee exposure or safety risk), notify appropriate plant personnel who are trained to shut down the system. Call the Control Room and request the CONTROL ROOM to dispatch First Responders if evacuation of the immediate area and/or other preventative measures may be required.
2. If a release is <u>uncontrollable</u> (i.e., attempts to shut off or contain the flow would place a person at a health or safety risk), evacuate the immediate area by moving upwind or laterally from the area. Inform the CONTROL ROOM of the location of the release and direction which the ammonia vapors appear to be moving.
3. If incident presents an immediate danger (i.e., threat of explosion, fire, vapor hazard), CONTROL ROOM dispatches first responders and calls external 911 (Newington 911) and/or the off-site hazardous waste contractor to control the release. Responders will approach the area from an upwind or lateral direction.
4. CONTROL ROOM notifies EHS Responder and Emergency Coordinator if off-site resources notified and /or other potential safety or environmental hazards exist.
5. Responder(s) determine if hazards affect evacuation routes, identify rally points and evaluate evacuation of downwind plant areas and off-site areas. Refer to the City of Newington Community Evacuation Plan for off-site evacuation procedures.
5. Employees evacuate the building with assistance from First Responders and report to the designated rally points. Proceed to alternate or secondary rally point if pathway is obstructed.
6. Incident Commander evaluates need for personnel searches and/or rescues, and notifies Responder(s) if necessary. Newington Fire conducts searches and/or rescues, if necessary
7. Responders coordinate with maintenance personnel to shut off any ventilation systems and close windows and doors in the area (if safe to do so).
8. Responders evaluate incident for other potential safety or environmental hazards. EHS Responder will determine if regulatory reporting criteria are met. Emergency Coordinate will make or direct any regulatory notifications.
9. Responder(s) determine if incident is resolved and emergency secured. GE Incident Commander makes “all-clear” announcement, who in turn notify Rally Point leaders.
10. Incident Commander conducts a debriefing/critique of the Anhydrous Ammonia Release ERP.

ERP-010 – CIVIL STRIFE AND SABOTAGE/TERRORISM THREAT PROCEDURE
1. GE management and/or Incident Commander will monitor information on severe weather from all available sources.
2. Main gate shall be closed with fence line and site monitored using installed cameras.
2a. All personnel shall be identified prior to opening gate.
3. In the event threats to personnel or property or bomb threats are received via telephone, follow the bomb threat checklist in ERP-06. Call 911 to notify the police and request their assistance.
4. In the event of acts of sabotage or terrorism, in addition to notifying the local police via 911, the Boston FBI office will be contacted at (617) 742-5533.
5. If the event takes place during off normal duty hours, members of the management team shall be notified and at least one member of the management team shall travel to the site and remain until the incident is over.
6. If the incident requires, the Fire Department shall be notified by calling 911.
7. No employee of this facility shall engage in verbal or physical confrontation with any person or persons taking part in any type of demonstration or other actions that may be considered to be civil strife, sabotage, or terrorism.
8. Notify PSNH ESCC per normal Dispatch contact numbers.
9. Notify ISO-NE via the Ring Down line, or telephone contact provided for dispatch.
10. Notify the Plant Owner's Asset Manager.
11. When feasible, an incident report (ERP-01) shall be completed per GECS Procedures by the Facility Manager.

ERP-010 – CIVIL STRIFE AND SABOTAGE/TERRORISM THREAT PROCEDURE

The objective of this Emergency Response Procedure (ERP) is to identify the appropriate actions to take during periods of civil strife or suspected acts of sabotage or terrorism.

1. Upon notification or identification of suspected acts of sabotage, terrorism or civil strife that involve or could potentially involve the facility, the main gate shall be closed and all personnel shall be identified prior to opening the gate.

2. The facilities' fence line and on-site areas shall be monitored using cameras installed at the around the facility.

3. Should telephoned threats be directed to personnel, property or identified as bomb threats, the procedures of ERP-06 and the bomb threat checklist should be followed.

   3.a Notify the police via 911 and request assistance.

4. For acts and threats of sabotage and terrorism the following notifications shall occur;

   4.a. Notify local police via 911 and request assistance.

   4.b. Notify the Boston FBI office at 617-742-5533.

5. If the event takes place during off normal duty hours, members of the management team shall be notified and at least one member of the management team shall travel to the site and remain until the incident is over.

6. If the incident requires, the Fire Department shall be notified by calling 911.

7. No employee of this facility shall engage in verbal or physical confrontation with any person or persons taking part in any type of demonstration or other actions that may be considered to be civil strife, sabotage, or terrorism.

8. Notify PSNH ESCC per normal Dispatch contact numbers.

9. Notify ISO-NE via the Ring Down line, or telephone contact provided for dispatch.

10. When feasible, an incident report (ERP-01) shall be completed per GECS Procedures by the Facility Manager.

Appendix B

Reporting & Notification Table

Reporting and Notification Requirements
Verbal and Written Notifications
Newington Energy, Newington, NH

V= Verbal Notification, W=Written Notification

	Quick Reference	Criterion	To Whom	Phone #	Citation	When
V	Fire or Explosion +OHM	Fire or Explosion not associated with a release of oil or hazardous materials	Newington Fire Dept	9-1-1	SAF-C-6000	ASAP
W	**To Whom**	**Notes**	**Form**	**Phone #**	**Citation**	**When**
	St. Fire Marshall	Completed by Newington Fire Dept	NHFIRS 1	N/A	SAF-C6007.01	

	Quick Reference	Criterion	To Whom	Phone #	Citation	When
V	HazWaste Emergency Fire, Explosion or release With off-site consequences	Imminent or actual hazardous waste emergency (fire, explosion, or release which could threaten public health, safety or welfare of the environment) RQ	Newington Fire NHDES – HazMat NHDES OIL Spill Response NHDES Off-Hour (NH St. Police HazMat) LEPC SERC	9-1-1 603-271-3899 603-271-3644 800-346-4009 9-1-1 9-1-1	SAF-C-6000 Env-Wm 513.01 Env-Wm 513.01 40CFR355.40(b)(1)	ASAP ASAP ASAP ASAP ASAP ASAP
W	**To Whom**	**Notes**	**Form**	**Phone #**	**Citation**	**When**
	Newington Fire NHDES – HazMat NHDES OIL Spill Response	Completed by Newington Fire Dept	NHFIRS 4 Spill Report Clean-up Report	N/A 603-271-3899	SAF-C6007.01	< 15 days

	Quick Reference	Criterion	To Whom	Phone #	Citation	When
V	Spill into the River	Any spill into a navigable waterway, or spill of oil that could reach a surface body of water (via storm drains) that meets one or more of the following criteria: • Causes a film/sheen on the water; • Exceeds 1,000 gallon in a single spill event; • Discharged more than 42 gallons in each of two discharges within any 12-month period that may be harmful to public health, welfare or the environment	Newington Fire National Response Center NH DES Water Supplies NHDES Waste Water Treatment Plant Ops.	9-1-1 800-424-8802 603-271-0655 603-271-2001	SAF-C-6000 40CFR110.6 RSA RSA	ASAP As soon as knowledge of spill is obtained W/in 24 Hrs W/In 24 Hrs
W	**To Whom**	**Notes**	**Form**	**Phone #**	**Citation**	**When**
	Newington Fire NHDES – HazMat NHDES OIL Spill Response	Completed by Newington Fire Dept	NNFIRS 4 Spill Report Clean-up Report	N/A 603-271-3899	SAF-C6007.01	< 15 days

	Quick Reference	Criterion	To Whom	Phone #	Citation	When
V	RQ Spill of Oil not to River	Any sudden, continuos or intermittent release to the environment (except surface water) of OIL if: • >25 gallons • Not contained ASAP • Not completely cleaned up in 24 hours • Impact to surface/ground water	NHDES Oil Spill Response NHDES Off-Hour (NH St. Police HazMat)	603-271-3644 800-346-4009	RSA146A-WS 412	
W	**To Whom**	**Notes**	**Form**	**Phone #**	**Citation**	**When**
	Newington Fire NHDES – HazMat NHDES OIL Spill Response EPA	Completed by Newington Fire Dept EPA - To comply with SPCC	NNFIRS 4 Spill Report Clean-up Report Spill Report	N/A 603-271-3899	SAF-C6007.01	< 15 days

	Quick Reference	Criterion	To Whom	Phone #	Citation	When
V	CERCLA/EHS RQ Spill With off-site consequences	If the quantity of the release also equals or exceeds the CERCLA reportable quantity (appendix ___) or is an extremely hazardous substance (EHS) and any area outside the facility is likely to be affected.	Newington Fire National Response Center LEPC SERC	9-1-1 800-424-8802 9-1-1 9-1-1	SAF-C-6000 40CFR355.40(b)(1) SAF-C—6000-7.01	ASAP As soon as knowledge of spill is obtained
W	**To Whom**	**Notes**	**Form**	**Phone #**	**Citation**	**When**
	Newington Fire NHDES – HazMat NHDES OIL Spill Response	Completed by Newington Fire Dept	NNFIRS 4 Spill Report Clean-up Report	N/A 603-271-3899	SAF-C6007.01	< 15 days

	Quick Reference	Criterion	To Whom	Phone #	Citation	When
V	Fuel/Oil Tank/Pipe Leak	Leak of flammable or combustible material from and aboveground or underground tank or piping.	Newington Fire	9-1-1	SAF-C-6000	ASAP
W	**To Whom**	**Notes**	**Form**	**Phone #**	**Citation**	**When**
	Newington Fire NHDES – HazMat NHDES OIL Spill Response	Completed by Newington Fire Dept	NNFIRS 4 Spill Report Clean-up Report	N/A 603-271-3899	SAF-C6007.01	< 15 days

	Quick Reference	Criterion	To Whom	Phone #	Citation	When
V	PCB's	Do we need to report if we don't have any?				
W	**To Whom**	**Notes**	**Form**	**Phone #**	**Citation**	**When**

	Quick Reference	Criterion	To Whom	Phone #	Citation	When
V	Spill/Discharge to storm drain Less than permit.	A discharge of a material to a storm drain not included or known to be in exceedance of the NPDES Permit	USEPA Reg 1 Newington Water Treatment Plant	617-918-1261 603-431-4111	40CFR122.41(l)(6) Sewer Permit Part 3(A)	W/I 24 hrs ASAP
W	**To Whom**	**Notes**	**Form**	**Phone #**	**Citation**	**When**

	Quick Reference	Criterion	To Whom	Phone #	Citation	When
V	Spill/Discharge to storm drain greater than permit.	A discharge of a material to a storm drain in exceedance of the NPDES Permit	Newington Water Treatment Plant NH DES Water Supplies NHDES Waste Water Treatment Plant Ops	603-431-4111 603-271-0655 603-271-2001	Sewer Permit Part 3(A)	ASAP
W	**To Whom**	**Notes**	**Form**	**Phone #**	**Citation**	**When**

	Quick Reference	Criterion	To Whom	Phone #	Citation	When
V	Air Permit Exceedance	Any exceedance of air permit limits	NHDES Air Resources Div.	271-1370 271-5749 271-1381-Fax	Permit Part XVII Malfunction	W/in 8 Hrs
W	**To Whom**	**Notes**	**Form**	**Phone #**	**Citation**	**When**
	USEPA/NHDES	**Excess Emissions Report**	**Letter**			

	Quick Reference	Criterion	To Whom	Phone #	Citation	When
V	OSHA fatality or 3 to hospital	Any injury resluting in a fatality of one or people or the hospitalization of three or more people	OSHA	800-320-OSHA	29CFR1904.8	W/I 8 hrs

Appendix C

Emergency Response Equipment

Emergency Response Equipment
Newington Energy

On-site response equipment, including speedi-dry, spill pads, absorbent booms, etc., will be inspected quarterly. The on-site equipment is primarily for one time use. As such, it will not be specifically tested or deployed. Response equipment to be provided by United Oil or Clean Harbors (e.g. skimmers, sea booms, boats) are maintained and tested by those contractors. Contractor response equipment is routinely deployed during normal business activities. As such, a formalized deployment schedule is not available from the referenced response contractors.

Table 1
EPA FRP Required Response Equipment

Equipment	Responsible Entity	Inspection Frequency/Testing	ICP Cross Reference
Skimmers/Pumps			
- Operations Status	OSRO	On-going	3.3.f.3, App. J
- Type, Model, and Year	OSRO	On-going	3.3.f.3, App. J
- Number	OSRO	On-going	3.3.f.3, App. J
- Capacity	OSRO	On-going	3.3.f.3, App. J
- Daily Effective Recovery Rate	OSRO	On-going	3.3.f.3, App. J
- Storage Location	OSRO	On-going	3.3.f.3, App. J
- Date Fuel Last Changed	OSRO	On-going	3.3.f.3, App. J
Boom			
- Operational Status	OSRO	On-going	3.3.f.3, App. J
- Type, Model, and year	OSRO	On-going	3.3.f.3, App. J
- Linear Feet	OSRO	On-going	3.3.f.3, App. J
- Size (Skirt Height)	OSRO	On-going	3.3.f.3, App. J
- Deployment Discussion	OSRO	On-going	3.3.f.3, App. J
- Storage Location	OSRO	On-going	3.3.f.3, App. J
Chemical Countermeasure Agents Stored			
- Date Authorized	NA	NA	NA
- Type of Agent	OSRO/ Newington Energy	On-going/ quarterly	Table 2
- Deployment Equipment Available	OSRO/ Newington Energy	On-going/ quarterly	Table 2
- Volume on-scene	OSRO/ Newington Energy	On-going/ quarterly	Table 2
- Storage Location	OSRO/ Newington Energy	On-going/ quarterly	Table 2
- Mobilization Time	OSRO/ Newington Energy	On-going/ quarterly	Table 2
Sorbents			
- Types of sorbent	Newington Energy	Quarterly	Table 2
- Amount	Newington Energy	Quarterly	Table 2
- Theoretical Sorption Capacity	Newington Energy	Quarterly	Table 2
- Storage Location	Newington Energy	Quarterly	Table 2
Hand Tools			
- Type	OSRO/ Newington Energy	On-going/ quarterly	Table 2
- Purpose	OSRO/ Newington Energy	On-going/ quarterly	Table 2
- Quantity	OSRO/ Newington Energy	On-going/ quarterly	Table 2
- Storage Location	OSRO/ Newington Energy	On-going/ quarterly	Table 2
Communication Equipment			
- Operating frequency	Newington Energy	Daily	3.3.b.2
- Type	Newington Energy	Daily	3.3.b.2
- Operational Status	Newington Energy	Daily	3.3.b.2
- Quantity	Newington Energy	Daily	3.3.b.2
- Storage Location	Newington Energy	Daily	3.3.b.2

Fire Fighting and PPE			
- Type of fire fighting system	Newington Energy	NA	3.3.e.6
- Amount of Foam (stationary)	Newington Energy	Daily	3.3.e.6, Drawing 5
- Amount of Foam (portable)	NA	NA	NA
- Foam to loading racks	Newington Energy	Daily	3.3.e.6, Drawing 5
- Foam to tanks	Newington Energy	Daily	3.3.e.6, Drawing 5
- Number of Fire Hydrants	Newington Energy	NA	3.3.e.6
- Static Pressure	Newington Energy	NA	3.3.e.6
- Wheeled Fire extinguishers	NA	NA	3.3.e.6
- Number of hand fire extinguishers	Newington Energy	Monthly	3.3.e.6, App. H
- SCBAs (number and time)	Newington Energy	Monthly	App. I
- Other fire fighting equipment	Newington Energy	Monthly	3.3.e.6
Boats and Motors			
- Quantity of boats	OSRO	On-going	3.3.f.3, App. J
- Size of boats	OSRO	On-going	3.3.f.3, App. J
- Size/type of motor	OSRO	On-going	3.3.f.3, App. J
- Storage Location	OSRO	On-going	3.3.f.3, App. J
Other			
- Type of Equipment	OSRO	On-going	3.3.f.3, App. J
- Size of Equipment	OSRO	On-going	3.3.f.3, App. J
- Quantity	OSRO	On-going	3.3.f.3, App. J
- Storage Location	OSRO	On-going	3.3.f.3, App. J

Table 2
Spill Supplies onsite at NEL for NEL 1st responders

Location	Type	Quantity	Capacity	Hazards	Inspections
Demin Bldg	Chemical sorbents (Y)	1 bail of 50	25 gal	Sulfuric Acid, Sodium Hydroxide, Sodium Bisilfite	
	Pads on roll (Y)= Yellow	100	50 gal	Sulfuric Acid, Sodium Hydroxide, Sodium Bisilfite	
	Speedi-dri	2 bags		Sulfuric Acid, Sodium Hydroxide, Sodium Bisilfite	
	Squeegee			Sulfuric Acid, Sodium Hydroxide, Sodium Bisilfite	
	Plastic shovel			Sulfuric Acid, Sodium Hydroxide, Sodium Bisilfite	
	Lime (for acid Neut)	1 40 pound bag	n/a	Sulfuric Acid, Sodium Hydroxide, Sodium Bisilfite	
	Vinegar (acetic acid) for Caustic spill	1 gal	n/a	Sulfuric Acid, Sodium Hydroxide, Sodium Bisilfite	
Truck Unloading rack at Fuel Oil	Oil sorbent pads (W or G) White or Gray)	1 bail of 50	25 gal	#2 Oil	
	Sorbent boom	1 pkg of 4	12 gal	#2 Oil	
	Speedi-dri	2 bags	n/a	#2 Oil	
	Squeege			#2 Oil	
Circ Water Chemical Bldg	Chemical sorbents (Y)	1 bail of 50	25 gal	Bleach, Actibrom	
	Pads on roll (Y)= Yellow	100	50 gal	Bleach, Actibrom	
	Speedi-dri	2 bags		Bleach, Actibrom	
	Squeege			Bleach, Actibrom	
	Plastic shovel			Bleach, Actibrom	
Inside door between GT 2 and ST (back side) For Oil	Oil sorbent pads (W or G) White or Gray)	1 bail of 50	25 gal	Fuel Oil, Lube Oil	
	Sorbent boom	1 pkg of 4	12 gal	Fuel Oil, Lube Oil	
	Speedi-dri	2 bags	n/a	Fuel Oil, Lube Oil	
	Squeege			Fuel Oil, Lube Oil	
Inside door between GT 2 and ST (back side) For Chemicals	Chemical sorbents (Y)	1 bail of 50	25 gal	BT3000 Amine Solution, Elimin-Ox (O2 scavenger)	
	Pads on roll (Y)= Yellow	100	50 gal	BT3000 Amine Solution, Elimin-Ox (O2 scavenger)	
	Speedi-dri	2 bags		BT3000 Amine Solution, Elimin-Ox (O2 scavenger)	
	Squeege			BT3000 Amine Solution, Elimin-Ox (O2 scavenger)	
	Plastic shovel			BT3000 Amine Solution, Elimin-Ox (O2 scavenger)	

Lube Oil Skid Area	Oil sorbent pads (W or G) White or Gray)	1 bail of 50	25 gal	Lube Oil	
	Sorbent boom	1 pkg of 4	12 gal	Lube Oil	
	Speedi-dri	2 bags	n/a	Lube Oil	
	Squeege			Lube Oil	
Between GT 1 and 2 Generator End	Oil sorbent pads (W or G) White or Gray)	1 bail of 50	25 gal	Lube Oil and Fuel Oil	
	Sorbent boom	1 pkg of 4	12 gal	Lube Oil and Fuel Oil	
	Speedi-dri	2 bags	n/a	Lube Oil and Fuel Oil	
	Squeege			Lube Oil and Fuel Oil	
Inside door between GT 1 and GT 2 (back side) For Chemicals	Chemical sorbents (Y)	1 bail of 50	25 gal	BT3000 Amine Solution in courtyard	
	Pads on roll (Y)= Yellow	100	50 gal	BT3000 Amine Solution in courtyard	
	Speedi-dri	2 bags		BT3000 Amine Solution in courtyard	
	Squeege			BT3000 Amine Solution in courtyard	
	Plastic shovel			BT3000 Amine Solution in courtyard	
Inside door between GT 1 and GT 2 (back side) For Oil	Oil sorbent pads (W or G) White or Gray)	1 bail of 50	25 gal	Lube Oil and Fuel Oil	
	Sorbent boom	1 pkg of 4	12 gal	Lube Oil and Fuel Oil	
	Speedi-dri	2 bags	n/a	Lube Oil and Fuel Oil	
	Squeege			Lube Oil and Fuel Oil	
River	Oil sorbent pads (W or G) White or Gray)	1 bail of 50	25 gal	Lube Oil and Fuel Oil	
	Sorbent boom	1 pkg of 4	12 gal	Lube Oil and Fuel Oil	
	Speedi-dri	2 bags	n/a	Lube Oil and Fuel Oil	
	Squeege			Lube Oil and Fuel Oil	
	Roll of rope			Lube Oil and Fuel Oil	
	Knife			Lube Oil and Fuel Oil	
	Cinder blocks for anchors			Lube Oil and Fuel Oil	
Warehouse	Additional equipment, surplus and spares				

Spill Supplies onsite at NEL for NEL
1st responders

Location	Type	Quantity		Capacity	Hazarads
Demin Bldg	Chemical sorbents (Y)	1 bail of 50		25 gal	Sulfuric Acid Sodium Hydroxide, Sodium Bisilfite
	Pads on roll (Y)= Yellow		100	50 gal	Sulfuric Acid, Sodium Hydroxide, Sodium Bisilfite
	Speedi-dri	2 bags			Sulfuric Acid, Sodium Hydroxide Sodium Bisilfite
	Squeege				Sulfuric Acid, Sodium Hydroxide Sodium Bisilfite
	Plastic shovel				Sulfuric Acid, Sodium Hydroxide, Sodium Bisilfite
	Lime (for acid Neut)	1 40 pound bag		n/a	Sulfuric Acid, Sodium Hydroxide Sodium Bisilfite
	Vinegar (acetic acid) for Caustic spill	1 gal		n/a	Sulfuric Acid, Sodium Hydroxide, Sodium Bisilfite
Truck Unloading rack at Fuel Oil	Oil sorbent pads (W or G) White or Gray)	1 bail of 50		25 gal	#2 Oil
	Sorbent boom	1 pkg of 4		12 gal	#2 Oil
	Speedi-dri	2 bags		n/a	#2 Oil
	Squeege				#2 Oil
Circ Water Chemical Bldg	Chemical sorbents (Y)	1 bail of 50		25 gal	Bleach, Actibrom
	Pads on roll (Y)= Yellow		100	50 gal	Bleach, Actibrom
	Speedi-dri	2 bags			Bleach, Actibrom
	Squeege				Bleach Actibrom
	Plastic shovel				Bleach Actibrom
Inside door between GT 2 and ST (back side) For Oil	Oil sorbent pads (W or G) White or Gray)	1 bail of 50		25 gal	Fuel Oil Lube Oil
	Sorbent boom	1 pkg of 4		12 gal	Fuel Oil, Lube Oil
	Speedi-dri	2 bags		n/a	Fuel Oil Lube Oil
	Squeege				Fuel Oil, Lube Oil
Inside door between GT 2 and ST (back side) For Chemicals	Chemical sorbents (Y)	1 bail of 50		25 gal	BT3000 Amine Solution, Elimin-Ox (O2 scavenger)
	Pads on roll (Y)= Yellow		100	50 gal	BT3000 Amine Solution, Elimin-Ox (O2 scavenger)
	Speedi-dri	2 bags			BT3000 Amine Solution, Elimin-Ox (O2 scavenger)
	Squeege				BT3000 Amine Solution, Elimin-Ox (O2 scavenger)
	Plastic shovel				BT3000 Amine Solution, Elimin-Ox (O2 scavenger)
Lube Oil Skid Area	Oil sorbent pads (W or G) White or Gray)	1 bail of 50		25 gal	Lube Oil
	Sorbent boom	1 pkg of 4		12 gal	Lube Oil
	Speedi-dri	2 bags		n/a	Lube Oil
	Squeege				Lube Oil
Between GT 1 and 2 Generator End	Oil sorbent pads (W or G) White or Gray)	1 bail of 50		25 gal	Lube Oil and Fuel Oil
	Sorbent boom	1 pkg of 4		12 gal	Lube Oil and Fuel Oil
	Speedi-dri	2 bags		n/a	Lube Oil and Fuel Oil
	Squeege				Lube Oil and Fuel Oil
Inside door between GT 1 and GT 2 (back side) For Chemicals	Chemical sorbents (Y)	1 bail of 50		25 gal	BT3000 Amine Solution in courtyard
	Pads on roll (Y)= Yellow		100	50 gal	BT3000 Amine Solution in courtyard
	Speedi-dri	2 bags			BT3000 Amine Solution in courtyard
	Squeege				BT3000 Amine Solution in courtyard
	Plastic shovel				BT3000 Amine Solution in courtyard
Inside door between GT 1 and GT 2 (back side) For Oil	Oil sorbent pads (W or G) White or Gray)	1 bail of 50		25 gal	Lube Oil and Fuel Oil
	Sorbent boom	1 pkg of 4		12 gal	Lube Oil and Fuel Oil
	Speedi-dri	2 bags		n/a	Lube Oil and Fuel Oil
	Squeege				Lube Oil and Fuel Oil
River	Oil sorbent pads (W or G) White or Gray)	1 bail of 50		25 gal	Lube Oil and Fuel Oil
	Sorbent boom	1 pkg of 4		12 gal	Lube Oil and Fuel Oil
	Speedi-dri	2 bags		n/a	Lube Oil and Fuel Oil
	Squeege				Lube Oil and Fuel Oil
	Roll of rope				Lube Oil and Fuel Oil
	Knife				Lube Oil and Fuel Oil
	Cinder blocks for anchors				Lube Oil and Fuel Oil
Warehouse	Additional equipment, surplus and spares				

Notes: Emergency Response Equipment identified above is inspected as descibed in Appendix Q. The Response Equipment is tested during the annual Hazwoper Training. For more advanced response activities, the OSRO Contractor will respond using equipment and resources included in Appendix J of the ICP (OSRO Documentation)

Off-Site Piscataqua River Cooperative Equipment

ITEM	AMOUNT	TYPE	STORAGE LOCATION	OWNER
Tow Boat	1	31 Ft. EASTERN	Sprague Energy River Road	PRC
Tow Boat	1	27 Ft. LAFCO	Sprague Energy River Road	PRC
Tow Boat	1	25 foot MONARK	Sprague Energy River Road	PRC
Barge	1	25 Ft. WINNINGHOF	Sprague Energy River Road	PRC
Skimmer	1	25` JBF 420 catamaran	Sprague Yard Portsmouth	PRC
Boom Trailer	1		Sprague Yard Portsmouth	PRC
Boom Trailer	1		Sprague Yard Portsmouth	PRC
Boom Trailer	1		Sprague Yard Portsmouth	PRC
Boom Trailer	1		Sprague Yard Portsmouth	PRC
Skimmer	1	JBF 3001	Sprague Energy River Road	PRC
Barge	1	25 Ft. WINNINGHOF	Sprague Energy River Road	PRC
Barge	1	25 Ft. WINNINGHOF	Sprague Energy River Road	PRC
Skimmer	1	JBF 3001	Portsmouth Naval Ship Yard	PNSY
Tow Boat	1	Boston Whaler 25 foot	Moran Towing Dock	PHT
Boom Reel	1	Slickbar	PSNH Newington Station	PSNH
Boom Trailer	1	West cargo	PSNH Schiller Station	PSNH
Boom Reel	1		Sprague Energy River Road	Sprague
Boom Reel	1		Sprague Energy River Road	Sprague
Boom Trailer	1	Wells Cargo Trailer 1995	Irving Terminal Portsmouth	Irving
Building	1	Wood 8 x 12	Sprague Energy River Road	Sprague
Boom Reel	1	Slickbar	PSNH Schiller Station	PSNH
Skimmer	1	Kvichak-Marco	Portsmouth Naval Ship Yard	PNSY
Barge	1	Navy, 108 X 27 foot	Portsmouth Naval Ship Yard	PNSY
Tow Boat	1	Boston Whaler	Portsmouth Naval Ship Yard	PNSY
Tow Boat	1	Boston Whaler	Portsmouth Naval Ship Yard	PNSY
Utility Boat	1		Portsmouth Naval Ship Yard	PNSY
Barge	1		Sprague Energy River Road	PNSY
Boom Trailer	1		Portsmouth Naval Ship Yard	PNSY
Pump/Vacuum	1	Slickbar Trans-Vac 300DH	Sprague Energy Avery Lane	PRC
Computer	1	DELL	PSNH Newington Station	PRC
Computer	1	DELL	PSNH Newington Station	PRC
Skimmer	1	Prototype	UNH Ocean Engineering Dept.	UNH
Tow Boat	1	Sea Arc	Portsmouth Naval Ship Yard	PNSY
Aft Work Area Flood Light	3			
Anchor 20 lb. Danforth	2			
Anchor 40 lb. Danforth	1			
Anchor 55 lb. Fortress	10			
Anchor 65 lb. Danforth	2			
ANCHORS DRILLED	4			
ANCHORS W/CHAIN	2			
Antenna (light duty)	1			
Antenna extension (light duty)	2			

ASSORTED SORBENTS	1			
ASST. CARIBINERS	1			
ASST. LINES	1			
ASST. SHACKLES	6			
Beach Boom Water & Air Pumps	1			
Binoculars	1			
Binoculars (Paul Nevin's)	1			
Boat Hook	2			
Boom 12"	5450			
Boom 18"	15300			
Boom 18" Navy Connectors	900			
Boom 24"	2000			
Boom 24" Inflatable Beach Boom	550			
Boom 24" Navy Connectors	2600			
Boom 36"	2			
Boom 36" Navy Connectors	60			
Boom Tow Bridles	13			
BOOTS,GLOVES TYVEK SUITS	12			
Chain & Shackles	1			
Charts and Navigation Tools	1			
Cyalume Glow Stick Light	12			
Decon Pools	2			
Decon Shower Kit	1			
Depth Sounder	5			
Drum Leak Kit	1			
Electric extension cord	4			
Electric Generator	1			
Emergency Blanket	2			
Engine Manuals	1			
First Aid Kit	8			
Float Coat (PRC)	10			
Fuel Can (skimmer)	3			
FUEL CANS	12			
Gloves STEARNS Insulated	2			
GLOVES, STEARNS insulated	2			
Gloves, STEARNS Insulated	2			
GLOVES,BOOTS,TYVEK	2			

GPS	3			
Ground Tackle 5/8" Nylon	1206			
Ground Tackle 5/8" Nylon (Old)	450			
Ground Tackle 5/8" Nylon Line With Thimbles	100			
Hand Tools (box)	1			
Hand Tools (box)	2			
Hand Tools (yellow box)	4			
Hard Hat	11			
Heaving Line	15			
Jasons Cradle (Man Overboard Rescue)	2			
JBF 420 Equipment box (electronics)	1			
Life Jackets Type II	8			
Line cutting knife	6			
LINE THROWING GUN	2			
Lines	1			
Long Gaff Hook	1			
Loud Hailer Public Address System	1			
Loud Hailer Public Address System	1			
MAGELLAN MERIDIAN GPS	2			
Main Hydraulic Pump	1			
Oil Storage Bladder	7500			
Oil Storage Bladder (Land)	1500			
Outboard and Skimmer Spare Motor Oil	1			
Pathogen Kit	1			
Pelican swivel hook	1			
Poly Mooring Ball A-2	1			
Poly Mooring Ball A-4	14			
Poly Mooring Ball A-6	1			
Poly Tow Lines 3/4"	50			
Portable 12 Volt Search Light	1			
Power Unit Diesel Engine	1			
Pump/Vacuum System	1			
Radar	1			
Radar RAYTHEON RL9	1			
RAYNAV 550 LORAN	1			
RAYTHEON RADAR R10X	1			
Roll of Duck Tape	2			

Roof Ladder	1			
Rubber Gloves, Boots, Tyvek Suits	28			
Search Light	3			
Self Contained First Responders Kit	4			
Silencer	1			
Skim-Pak, Diesel pump& oil/water sep.	1			
Skimmer & Pump Diesel Power Pack	1			
Skimmer, Drum Type W/ Hydraulic Power Pack & Hoses (Super Skimmer Model 24 Action Petroleum Spill Recovery Inc. (617) 496-5000	1			
Skimmer, JBF 3001	2			
sp	4			
Spot Light (Portable)	1			
Survival Suit	1			
Tool Kit 1	1			
Tool Kit 2	1			
Tow Boat	3			
Tow Line 1" Nylon (Sampson)	200			
Tow Line 5/8" Nylon	450			
Tow Lines 3/4" Poly	1675			
Tow Lines 3/4" Poly (Little Bay Booming Scenario)	400			
Trailer Wheel Chock Blocks	1			
Transfer Pump	1			
Transfer Pump Hydraulic Motor	1			
Transport Trailer	1			
Trip Line Poly (OLD)	1			
Trip Lines	2			
Vacuum Pump	1			
VHF-FM Radio	8			
VHF RADIO	1			
Work Lighting 110v	3			
Work Lighting 220v	2			
Work Suit Mustang	5			
Work Suits Mustang	13			
Work Vest (Life Jacket)	32			
Work Vest Life Jacket	2			

Appendix D

AST Inventory Table
(Information Provided by GECS)

Newington Energy, LLC

Petroleum Aboveground Storage Tanks (ASTs)

Item Number	1	2	3	4	5	6	7	8	9
Description	**Unit 1 False Start Drains Tank**	**Unit 2 False Start Drains Tank**	**Emergency Generator Fuel Tank**	**Diesel Fire Pump Tank**	**Unit 1 Lube Oil Tank**	**Unit 2 Lube Oil Tank**	**Steam Turbine Lube Oil Tank**	**Steam Turbine Hydraulic Power Unit**	**Station Service Transformer A**
I. Tank Information									
A. Tanks									
Tank Equipment No.	1-FO-TK-1001	1-FO-TK-2001	1DG-DG-0001	1FP-P-0002	1GT-TRB-1001	1GT-TRB-2001	1ST-TRB-0001	1ST-TRB-1001, HPU	1EM-TF-A
A. Capacity in Gallons (net working/nominal)	250 / 236	250 / 236	425 / 425	350 /350	6200 / 6200	6200 / 6200	4300 / 4300	135/135	2215 / 2215
B. Horizontal or Vertical Tank?	Horizontal	Horizontal	Horizontal	Horizontal	Horizontal	Horizontal	Horizontal	Horizontal	Vertical
C. Shop-fabricated or Field-erected?	Shop	Shop	Shop	Shop	Shop	Shop	Shop	Shop	Shop
D. Tank diameter	30"	30"	NA	36"	NA	NA	NA	NA	NA
E. Tank height/length	90" length	90" length	56"W x 132"L x 18"H	6'-0"	126"W x 264"L x 60"H	126"W x 264"L x 60"H	126"W x 264"L x 60"H	32"W x 53"L x 26"H	61.5"W x 100"L x 115"H
F. Product to be stored	No. 2 Fuel Oil	No. 2 Fuel Oil	No. 2 Fuel Oil	No. 2 Fuel Oil	Lube Oil	Lube Oil	Lube Oil	Hydraulic Oil	Transformer Oil
G. Tank Manufacturer	Allied	Allied	Klein	Sterling	General Electric	General Electric	General Electric	General Electric	Asea Brown Broveri
H. Foundation Type	Mat	Mat	Structural Steel	Structural Steel	Structural Steel	Structural Steel	Structural Steel	Structural Steel	Mat
I. Is proposed tank double walled?	No	No	Yes	No	No	No	No	No	No
J. Is proposed tank fire protected iaw UL 2085?	No	No	No	No	No	No	No	No	No
K. Is proposed tank in contact with the soil?	No	No	No	No	No	No	No	No	No
L. Will proposed tank be installed in an underground vault?	Yes	Yes	No	No	No	No	No	No	No
II. Secondary Containment									
A. Type of Secondary Containment (e.g. dike, berm, dike tank, double-walled tank, remote impoundment, etc)	Concrete Sump	Concrete Sump	Double Wall Tank	Reservoir	Dike	Dike	Concrete Sump	Concrete Sump	Concrete
B. Will tank be located inside a building?	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	No
C. What is the volume of secondary containment? (In gallons)	3434	3434	435	350	6200	6200	17,200	17,200	22,500
D. Is secondary containment protected from rain/snowfall? No or Yes. If so, how?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No
E. How will accumulated stormwater be handled?	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Routine Inspection and Drainage
III. Overfill Protection									
A. What kind of gauge(s) will be installed on the tank system(s)?	Level Transmitter	Level Transmitter	Level Guage and Low Level Alarm	Local Level Indicator and Low Alarm	Level Switch	Level Switch	Level Switch	Level Switch	Magnetic Liquid Level Guage. DWG HB086601
B. What kind of high level alarm system(s) will be installed on the tank(s)?	DCS Will Provide High Alarm	DCS Will Provide High Alarm	DCS Will Provide High Alarm	Not Applicable	Alarm Will Be In Mark V. GE Console I	Alarm Will Be In Mark V. GE Console I	Alarm Will Be In Mark V. GE Console I	Not Applicable	Magnetic Liquid Level Alarm. DWG HB086601
C. Where will the light and audible alarm be located?	CCR	CCR	CCR	Local Panel	CCR	CCR	CCR	Not Applicable	Not Applicable
D. At what height from the bottom of the tank will the high level alarm be activated?	Per Design	Per Design	Per Design	Per Design	See Device List	See Device List	See Device List	Per Design	Per Design
IV. Small, Medium, and Worst Case Discharge Scenarios									
A. Type of Failure	Human Error (overfill) during Truck Off-loading, Rupture, Joint or Hose Leakage	Human Error (overfill) during Truck Off-loading, Rupture, Joint or Hose Leakage	Human Error (overfill) during Truck Off-loading, Rupture, Joint or Hose Leakage	Human Error (overfill) during Truck Off-loading, Rupture, Joint or Hose Leakage	Human Error (overfill) during Truck Off-loading, Rupture, Joint or Hose Leakage	Human Error (overfill) during Truck Off-loading, Rupture, Joint or Hose Leakage	Human Error (overfill) during Truck Off-loading, Rupture, Joint or Hose Leakage	Human Error (overfill) Rupture, Joint Failure	Oil reservoir Failure, Flange Leak
B. Rate of Flow	Varies from minor leaks to Instantaneous rupture	Varies from minor leaks to Instantaneous rupture	Varies from minor leaks to Instantaneous rupture	Varies from minor leaks to Instantaneous rupture	Varies from minor leaks to Instantaneous rupture	Varies from minor leaks to Instantaneous rupture	Varies from minor leaks to Instantaneous rupture	Varies from minor leaks to Instantaneous rupture	Varies from minor leaks to Instantaneous rupture
C. Containment of Release/ Flow Direction [1]	See containment (above)	See containment (above)	See containment (above)	See containment (above)	See containment (above)	See containment (above)	See containment (above)	See containment (above)	See containment (above)
D. Discharge Scenario	Small Discharge	Small Discharge	Small Discharge	Small Discharge	Medium Discharge	Medium Discharge	Medium Discharge	Small Discharge	Medium Discharge
V. Miscellaneous									
A. What year was the tank Constructed?	2001	2001	2001	2001	2001	2001	2001	2001	2001
B. What type of tank (and associated roof)?	Horizontal	Horizontal	Horizontal	Horizontal	Horizontal	Horizontal	Horizontal	Horizontal	Horizontal
C. Refabricated tank? (if yes, year in parenthesis)	No ( )	No ( )	No ( )	No ( )	No ( )	No ( )	No ( )	No ( )	No ( )
D. Failure/ Cause	None	None	None	None	None	None	None	None	None

[1] In the event that secondary containment (including dikes, station walls, curbing or floor drainage to the concrete sump preceeding the oil/water separator) is breached, damaged, or otherwise rendered ineffective, potential small, medium, and worst case discharges would either travel in a southerly direction towards the Piscatuqua River, enter the yard drainage system which discharges to the wetlands or be contained by adjacent structures and/or the general contour of the ground surface. Inferred flow directions are described in Section III 1.c.

Newington Energy, LLC

Petroleum Aboveground Storage Tanks (ASTs)

Item Number	10	11	12	13	14	15	16	17	18
Description	**Station Service Transformer B**	**Auxiliary Transformer C**	**Auxiliary Transformer D**	**Auxiliary Transformer E**	**Auxiliary Transformer F**	**Auxiliary Transformer (east of Tank 14)**	**Unit 1 Generator Step-up Transformer**	**Unit 2 Generator Step-up Transformer**	**Steam Turbine Generator Step-up Transformer**
I. Tank Information									
A. Tanks									
Tank Equipment No.	1EM-TF-B	1EM-TF-C	1EM-TF-D	1EM-TF-E	1EM-TF-F	1EM-TF-G	1EY-TF-A	1EY-TF-B	1EY-TF-C
A. Capacity in Gallons (net working/nominal)	2215 / 2215	603 / 603	603 / 603	603 / 603	603 / 603	570/570	15,852 / 15,852	15,852 / 15,852	17,120 / 17,120
B. Horizontal or Vertical Tank?	Vertical	Vertical	Vertical	Vertical	Vertical	Vertical	Vertical	Vertical	Vertical
C. Shop-fabricated or Field-erected?	Shop	Shop	Shop	Shop	Shop	Shop	Shop	Shop	Shop
D. Tank diameter	NA	NA	NA	NA	NA	NA	NA	NA	NA
E. Tank height/length	61.5"W x 100"L x 115"H	34"W x 67"L x 84"H	34"W x 67"L x 84"H	34"W x 67"L x 84"H	34"W x 67"L x 84"H	33"W x 69"L x 81"H	133"W x 267"L x 183"H	133"W x 267"L x 183"H	136"W x 270"L x 179"H
F. Product to be stored	Transformer Oil	Transformer Oil	Transformer Oil	Transformer Oil	Transformer Oil	Transformer Oil	Transformer Oil	Transformer Oil	Transformer Oil
G. Tank Manufacturer	Asea Brown Broveri	Cooper	Cooper	Cooper	Cooper	Cooper	Hyundai	Hyundai	Hyundai
H. Foundation Type	Mat	Mat	Mat	Mat	Mat	Mat	Mat	Mat	Mat
I. Is proposed tank double walled?	No	No	No	No	No	No	No	No	No
J. Is proposed tank fire protected iaw UL 2085?	No	No	No	No	No	No	No	No	No
K. Is proposed tank in contact with the soil?	No	No	No	No	No	No	No	No	No
L. Will proposed tank be installed in an underground vault?	No	No	No	No	No	No	No	No	No
II. Secondary Containment									
A. Type of Secondary Containment (e.g. dike, berm, dike tank, double-walled tank, remote impoundment, etc)	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete
B. Will tank be located inside a building?	No	No	No	No	No	No	No	No	No
C. What is the volume of secondary containment? (In gallons)	11,700	1,150	1,150	1,150	1,150	1,150	35,000	35,000	49,000
D. Is secondary containment protected from rain/snowfall? No or Yes. If so, how?	No	No	No	No	No	No	No	No	No
E. How will accumulated stormwater be handled?	Routine Inspection and Drainage	Routine Inspection and Drainage	Routine Inspection and Drainage	Routine Inspection and Drainage	Routine Inspection and Drainage	Routine Inspection and Drainage	Routine Inspection and Drainage	Routine Inspection and Drainage	Routine Inspection and Drainage
III. Overfill Protection									
A. What kind of gauge(s) will be installed on the tank system(s)?	Magnetic Liquid Level Guage. DWG HB086601	Magnetic Liquid Level Indication per DWG 4241200B0894	Magnetic Liquid Level Indication per DWG 4241200B0894	Magnetic Liquid Level Indication per DWG 4241200B0894	Magnetic Liquid Level Indication per DWG 4241200B0894	Magnetic Liquid Level Indication per DWG 4241200B0894	Oil Level Indicator Per TL0739-AO1	Oil Level Indicator Per TL0739-AO1	Oil Level Indicator Per TL0740-AO1
B. What kind of high level alarm system(s) will be installed on the tank(s)?	Magnetic Liquid Level Alarm. DWG HB086601	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
C. Where will the light and audible alarm be located?	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
D. At what height from the bottom of the tank will the high level alarm be activated?	Per Design	Per Design	Per Design	Per Design	Per Design	Per Design	Per Design	Per Design	Per Design
IV. Small, Medium, and Worst Case Discharge Scenarios									
A. Type of Failure	Oil reservoir Failure, Flange Leak	Oil reservoir Failure, Flange Leak	Oil reservoir Failure, Flange Leak	Oil reservoir Failure, Flange Leak	Oil reservoir Failure, Flange Leak	Oil reservoir Failure, Flange Leak	Oil reservoir Failure, Flange Leak	Oil reservoir Failure, Flange Leak	Oil reservoir Failure, Flange Leak
B. Rate of Flow	Varies from minor leaks to Instantaneous rupture	Varies from minor leaks to Instantaneous rupture	Varies from minor leaks to Instantaneous rupture	Varies from minor leaks to Instantaneous rupture	Varies from minor leaks to Instantaneous rupture	Varies from minor leaks to Instantaneous rupture	Varies from minor leaks to Instantaneous rupture	Varies from minor leaks to Instantaneous rupture	Varies from minor leaks to Instantaneous rupture
C. Containment of Release/ Flow Direction [1]	See containment (above)	See containment (above)	See containment (above)	See containment (above)	See containment (above)	See containment (above)	See containment (above)	See containment (above)	See containment (above)
D. Discharge Scenario	Medium Discharge	Small Discharge	Small Discharge	Small Discharge	Small Discharge	Small Discharge	Medium Discharge	Medium Discharge	Medium Discharge
V. Miscellaneous									
A. What year was the tank Constructed?	2001	2001	2001	2001	2001	2001	2001	2001	2001
B. What type of tank (and associated roof)?	Horizontal	Horizontal	Horizontal	Horizontal	Horizontal	Horizontal	Horizontal	Horizontal	Horizontal
C. Refabricated tank? (if yes, year in parenthesis)	No ( )	No ( )	No ( )	No ( )	No ( )	No ( )	No ( )	No ( )	No ( )
D. Failure/ Cause	None	None	None	None	None	None	None	None	None

Newington Energy, LLC

Petroleum Aboveground Storage Tanks (ASTs)

Item Number	19	20	21	22
Description	**Isolation Transformer**	**Isolation Transformer SPARE**	**LSD Fuel Oil Tank**	**River Intake Transfer**
I. Tank Information				
A. Tanks				
Tank Equipment No.	1GT-TRB-1001	NO Tag		
A. Capacity in Gallons (net working/nominal)	925	925	939,451/1,015,162	295
B. Horizontal or Vertical Tank?	Vertical	Vertical	Vertical	Vertical
C. Shop-fabricated or Field-erected?	Shop	Shop	Field	Shop
D. Tank diameter	NA	NA	ID 66'.0"	
E. Tank height/length	35"W x 75"L x 90"H	35"W x 75"L x 90"H	66'.0" W x 39'.8"H	
F. Product to be stored	Transformer Oil	Transformer Oil	Low Sulfur Diesel Fuel	Transformer Oil
G. Tank Manufacturer	Fortune Electric	Fortune Electric	Matrix	Cooper
H. Foundation Type	Structural Steel	Structural Steel	Ringwall	Mat
I. Is proposed tank double walled?	No	No	Yes	No
J. Is proposed tank fire protected iaw UL 2085?	No	No	Yes	No
K. Is proposed tank in contact with the soil?	No	No	Yes	No
L. Will proposed tank be installed in an underground vault?	No	No	No	No
II. Secondary Containment				
A. Type of Secondary Containment (e.g. dike, berm, dike tank, double-walled tank, remote impoundment, etc)	Concrete	Concrete	Dike Tank	Concrete
B. Will tank be located inside a building?	No	No	No	No
C. What is the volume of secondary containment? (In gallons)	22,500	22,500	1,118,912	TBD
D. Is secondary containment protected from rain/snowfall? No or Yes. If so, how?	No	No	No	No
E. How will accumulated stormwater be handled?	Routine Inspection and Drainage	Routine Inspection and Drainage	Collection sump with manual drain to Stormwater system or oily water seperator.	Routine Inspection and Drainage
III. Overfill Protection				
A. What kind of gauge(s) will be installed on the tank system(s)?	Oil Level Guage Per 13-8727	Oil Level Guage Per 13-8727	See ICP Section III 1.c.	
B. What kind of high level alarm system(s) will be installed on the tank(s)?	Not Applicable	Not Applicable	See ICP Section III 1.c.	
C. Where will the light and audible alarm be located?	Not Applicable	Not Applicable	Power plant operator control booth	
D. At what height from the bottom of the tank will the high level alarm be activated?	Per Design	Per Design	See Drawing 3 in ICP	
IV. Small, Medium, and Worst Case Discharge Scenarios				
A. Type of Failure	Oil reservoir Failure, Flange Leak	Oil reservoir Failure, Flange Leak	Human Error (overfill) during pipeline delivery, truck off-loading, Rupture, Joint or Hose Leakage	
B. Rate of Flow	Varies from minor leaks to Instantaneous rupture	Varies from minor leaks to Instantaneous rupture	Varies from minor leaks to Instantaneous rupture	Varies from minor leaks to Instantaneous rupture
C. Containment of Release/ Flow Direction [1]	See containment (above)	See containment (above)	See containment (above)	See containment (above)
D. Discharge Scenario	Small Discharge	Small Discharge	Worst Case Discharge	Small Discharge
V. Miscellaneous				
A. What year was the tank Constructed?	2001	2001	2001	2001
B. What type of tank (and associated roof)?	Horizontal	Horizontal	Fixed w/ Floating Suction	Horizontal
C. Refabricated tank? (if yes, year in parenthesis)	No ( )	No ( )	No ( )	No ( )
D. Failure/ Cause	None	None	None	None

Appendix E

Distribution List

Newington Energy, LLC
Newington, New Hampshire

Distribution List for Integrated Contingency Plan (ICP)/
Emergency Response Action Plan (ERAP)
Risk Management Plan - Process Safety Management (RMP-PSM)

Group	Name	Plans	Paper, CD , Both	Copy #	Revision #
Newington Energy/GECS - Facility Copy	Argyros, David	ICP/ERAP/RMP-PSM	Both	1	3.0
Newington - Fire Dept *	Greenleaf, Chief	ICP/ERAP/RMP-PSM	CD	2	3.0
Newington - Police Dept	Loomis, Chief	ICP/ERAP/RMP-PSM	CD	3	3.0
Seacoast Tactical Emergency Response Team	(Sent with Newington - Fire Dept. Transmittal)	ICP/ERAP/RMP-PSM	CD	4	3.0
US EPA Region I	Jarrell, Alan	ICP/ERAP	Both	5	3.0
NHDES - ARD	Scott, Robert	RMP-PSM	CD	6	3.0
EFSEC Committee	Drew, Timothy	ICP/ERAP/RMP-PSM	CD	7	3.0
ConEd - EH&S	Douglass, Alan	ICP/ERAP/RMP-PSM	CD	8	3.0
ConEd - Asset Mgt Group	Douglass, Alan	ICP/ERAP/RMP-PSM	CD	9	3.0
GECS - EH&S	Chang, Kathy	ICP/ERAP/RMP-PSM	CD	10	3.0
Portsmouth Regional Hospital	Lotis, Nancy and Duffy, William	ICP/ERAP/RMP-PSM	CD	11	3.0
US Coast Guard (USCG)	COTP	ICP/ERAP/RMP-PSM	CD	12	3.0
United Oil Recovery	Carabetta, David	ICP/ERAP	CD	13	3.0
Clean Harbors	Hickman, Hawk	ICP/ERAP	CD	14	3.0
Triton Environmental	Simonetta, Paul	ICP/ERAP/RMP-PSM	Both	15	3.0

* Chief Greenleaf also serves as primary contact for Local Emergency Planning Committee (LEPC)