

April 18, 2022

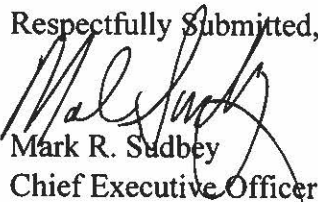
VIA ELECTRONIC FILING

Hon. Michelle L. Phillips
Secretary to the Commission
New York State Public Service Commission
State of New York
Three Empire State Plaza
Albany, NY 12223-1350

Re: Case 21-E-0485: Joint Petition of Generation Bridge II, LLC and PSEG Power, LLC for a Declaratory Ruling Eschewing Further Review of Transaction or, in the Alternative, an Order Approving Transaction Pursuant to Section 70 of the New York Public Service Law and Consent to Assignment and Release of the Bethlehem Facility Guaranty, and Petition of Generation Bridge II, LLC for an Order Authorizing Financing Pursuant to Section 69 of the New York Public Service Law

Dear Secretary Phillips:

On behalf of Oswego Harbor Power LLC, subsidiary of Generation Bridge LLC, attached for filing is the redacted version of the Operation and Maintenance Plan ("O&M Plan") for the Oswego Harbor Power Station (the "Oswego Facility") as required by the New York Public Service Commission's February 18, 2022, Order requiring a detailed operations and maintenance plan be developed and filed for the Oswego Facility.¹ The unredacted version of the O&M Plan has been filed with the Commission's Records Access Officer contemporaneously along with a request for exception from disclosure. The O&M Plan contains details regarding routine maintenance activities for the Oswego Facility, a complete documentation of emergency procedures, and a list of emergency contacts. Any modifications to the O&M Plan or emergency procedures or emergency contacts will be documented and file with the Secretary to the Commission within 14 days of such modifications.

Respectfully Submitted,

Mark R. Sudbey
Chief Executive Officer

¹ NYPSC Case 21-E-0485, *Joint Petition of Generation Bridge II, LLC and PSEG Power, LLC for a Declaratory Ruling Eschewing Further Review of Transaction or, in the Alternative, an Order Approving Transaction Pursuant to Section 70 of the New York Public Service Law and Consent to Assignment and Release of the Bethlehem Facility Guaranty, and Petition of Generation Bridge II, LLC for an Order Authorizing Financing Pursuant to Section 69 of the New York Public Service Law, Order Approving Financing and Transfer, with Conditions, and Making Other Findings* (issued February 18, 2022) ("Order") at 22.

OPERATIONS AND MAINTENANCE PLAN

Oswego Harbor Power

Operations and Maintenance Plan

4/6/2022

Introduction

Oswego Harbor Power (OHP) is a nominal 1,617 MW steam generating facility located in Oswego, New York, primarily consisting of (2) Foster Wheeler Boilers; (2) Westinghouse Steam Turbines; and (2) Westinghouse Generators, including all associated gas and electrical interconnection systems and facilities.

OHP's primary fuel supply is on-site stored #6 fuel oil. Unit 5 and 6 can operate on fuel oil while Unit 6 is also capable of limited operation on natural gas. The gas interconnection is provided by National Grid LDC. An Electric Interconnection Agreement by and between Oswego Harbor Power, LLC and Niagara Mohawk Power Corporation provides interconnection to the National Grid transmission system. Cooling water is provided from Lake Ontario with once through cooling system. Municipal water is provided by the City of Oswego.

Operations and Maintenance

OHP is staffed, maintained, and operated to meet market demands in a highly reliable state. This objective is achieved by maintaining high unit availability and reliability and strategic outage planning.

The hourly personnel are represented by IBEW Local 97 and are required to meet certain training and qualification requirements outlined in the Collective Bargaining Agreement (CBA).

Maintenance

OHP staff will continue to implement maintenance best practices to increase reliability and reduce equipment downtime. The primary goal of the maintenance program is to utilize predictive and preventative maintenance tools to enhance equipment performance and life.

Predictive maintenance currently includes equipment vibration analysis and trending of Turbine/Generators, lubricating oil analysis and trending, infrared thermal imaging of electrical and mechanical systems, and transformer oil analysis and trending.

Plant will be implementing additional Predictive maintenance best practices including bearing cap equipment vibration analysis and trending, Double Electromagnetic Interference Diagnostics (EMI) testing and ASME High Energy Piping Inspection Program.

Preventive maintenance includes periodic tasks such as Station Batteries, TWIP system checks, trip block tests, lubrication of equipment, exchanging filters, and completing functional inspections/rounds. Preventative Maintenance for elevators, fire system, air compressors, and HVAC is by contractors. Appendix 3 lists routine maintenance tasks and the frequency in which these tasks are performed.

In addition to the above, the facility reviews projects regularly. Project types are Obsolescence (primarily control system), Inspection Based, traveling water screens as an example, and Recurring Risk such as shoreline repairs and service water piping.

Scheduled Outage

The facility typically has two outages on each unit each year, in the spring and fall. The scopes of work and schedule are primarily driven by need for boiler inspection, transformer testing, and emergent work based on equipment operation. The emergent work that cannot be completed non-outage becomes scope for subsequent outage.

Budgets and Work Management

Annual budgets are proposed, reviewed, and approved once a year. During the budgeting process, the facility evaluates potential facility improvement projects to enhance Safety, Reliability, and Operability. Projects are prioritized into three categories: (A) Safety, Environmental, Regulatory (B) Reliability (C) Optional.

Plant staff utilizes EAM, a web-based Work Management system to track maintenance activities by generating work orders, preventative maintenance scheduling, asset tracking, purchasing, and inventory control.

Environmental & Regulatory Compliance

Details on environmental and regulatory compliance activities are described in this section and an annual compliance calendar is included in Appendix 1.

Air Emissions Monitoring

OHP is required to perform RATA testing for each CEMS system as required and generally every 24 months. Quarterly Excess Emissions and Annual Emissions Statement and Greenhouse Gas reports are submitted to the appropriate party. The Title V Air Permit also requires a once per term of permit Particulate Matter stack test conducted on each unit and these were last performed in 2019 and 2020 respectively.

Continuous Emission Monitoring System (CEMS)

OHP's CEMS continuously monitors gaseous emissions of NO_x, CO₂, and SO₂ and volumetric stack flow. Each stack is equipped with a dilution-probe that pulls flue gas samples of NO_x, CO₂ and SO₂ emissions at the monitoring platform in each stack. Each stack is equipped with an ultrasonic volumetric flow monitor to calculate mass emissions for reporting purposes. Plant staff follows the QA/QC Manual and specific operating procedures to minimize equipment downtime should the CEMS system be required to be taken out-of-service for maintenance while the facility is operating.

Waste Management

Plant staff will implement industry best practices to minimize waste streams by recycling of used oil, paper, plastics, and metals. Additional waste will be disposed of using appropriate contracted services. Used oil and universal waste storage areas will be designated and will be regularly inspected.

Used Oil

Used Oil is segregated into two categories, solid and liquid. Solid waste includes any solid item contaminated with oil, e.g., oil-soaked rags or discarded oil filters. Liquid used oil is any discarded oil or any liquid contaminated by oil. Used Oil barrels are properly labeled and stored in accordance with regulations. All full Used Oil barrels are stored in a containment unit that has an integrated secondary containment in the flooring in the event of a leak. Sun Environmental is contracted to dispose of Used Oil.

Universal Waste

Universal waste includes any non-hazardous waste deemed not safe for municipal landfill, e.g., batteries, mercury containing devices, pesticides, hazardous lamps, consumer electronics, and oil-based finishes. Universal waste is properly sorted and stored in leak free containers for no more than one year from the date the leak free containers begin collecting universal waste.

Wastewater Discharge/Sewage

OHP station wastewater is returned to Oswego municipal sewer system and waste cycle and cooling water are returned to the lake.

Environmental Deliverables

OHP staff remain engaged to maintain an open and active relationship with environmental agencies. management utilizes the GenSuite Compliance Calendar tool, a computerized asset management system, to track all Environmental obligations. Appendix 1 includes an Environmental and Regulatory Compliance Calendar.

NERC Regulatory Compliance

OHP maintains an open and active relationship with NYISO, NPCC, and National Grid for NERC regulatory compliance. Regulatory reports will be submitted as requested by the regulatory agencies. Staff utilizes the GenSuite Compliance Calendar tool, a computerized asset management system, to track all NERC requirements. OHP maintains all required documentation for NERC compliance in an audit ready state in both electronic and hard copy file. The facility is Medium Impact for CIP compliance due to the total output rating of the facility. See appendix 2 for additional details.

Appendix 1: Compliance Calendar – Environmental & Regulatory

PAGE 1 of 3	NOTES	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
Monthly Wastewater DMR	b	X	X	X	X	X	X	X	X	X	X	X	X
Monthly Petroleum License Fee Report	b	X	X	X	X	X	X	X	X	X	X	X	X
Monthly GADS Reporting	b	X	X	X	X	X	X	X	X	X	X	X	X
Quarterly EDR	c	X			X			X			X		
Quarterly Excess Emissions Report to EPA	c	X			X			X			X		
Quarterly Opacity Report	C	X			X			X			X		
Quarterly hazardous waste tax report	c	X			X			X			X		
Quarterly Emissions Report to EPA/ECMPS	c	X			X			X			X		
Quarterly NOx RACT	c	X			X			X			X		
Semi-annual Title V Condition 93 Report	d	X						X					
Semi-annual OHP MATS Compliance	d	X						X					
Semi-Annual Title V Compliance (Deviation) Report (January 30 th , July 30 th)	d	X						X					
Annual OSHA 300A Log BY Feb 1	e		X										
Annual TRI Report	e							X					

TABLE NOTES: a = Weekly b = Monthly c = Quarterly d = semi-annually e = annually x = when due Shaded = Complete

Oswego Harbor Power LLC

C/O Eastern Generation LLC | 300 Atlantic Street, 5th Floor, Stamford, CT 06901

**OSWEGO HARBOR
POWER LLC**



PAGE 2 of 3	NOTES	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
Annual BMP Review	e	X											
Annual NOx/SO2 Budget Compliance Certification	e			X									
Annual Emission Statement By April 15 th	e				X								
Annual Title V Emission Fee Submittal	e										X		
CEMS RATA (21-day notification to NYDEC required) (Needed every 2 years current state)	e								X				
Annual Water Treatment Chemical Report	e	X											
Annual Radioactive Device Inventory Report	e	X											
Annual NYSDEC Hazardous Waste Report	e			X									
Annual Title V Compliance Certification	e	X											
Annual Great Lakes Water Withdrawal Report	e			X									
Annual RGGI CO2 Allowance Tracking Report	e		X										
Annual CAMD 2021 Acid Rain ARP Compliance Report	e		X										
CEMS Linearity Test (once every 2 yrs current state.)	c		X			X			X			X	
Annual GHG Report	e			X									
Annual SARA Section 312 Report (TIER II FORM)	e			X									
EIA-923M <u>Monthly</u> Costs and Quality of Fuel for Electric Plants Reports	b	X	X	X	X	X	X	X	X	X	X	X	X
Annual EIA-923S <u>Annual</u> Costs and Quality of Fuel for Electric Plants Reports	By March 23			X									
Annual EIA-860 Electric Generator Report	e			X									

Oswego Harbor Power LLC

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**OSWEGO HARBOR
POWER LLC**



PAGE 3 of 3	NOTES	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
PJM eGADS Data Submittal (by 20 th of following month)	b	X	X	X	X	X	X	X	X	X	X	X	X
GADS Data Submittal to NERC (45 days after the completed quarter)	c		X			X			X			X	
Wastewater Discharge Permit Renewal (renewal due November 1, 2022, permit expires April 30, 2023)	5 years											X	
Renew radioactive materials license	Every 10 yrs			X									
SPCC Plan Review/Revision (2022)	3 yrs												
SOT DMR Submission	c	X			X			X			X		
SPDES Annual Fee											X		
SOT Title V Operating Permit Renewal	By 7/30/2022						X						
SOT Fuel Burning Report	e	X											
SOT Semi-annual Monitoring Report	d	X					X						
SOT Certification Report	e	X											
SOT Emissions Statement	e				X								
SOT Diesel Fuel Fire Pump Report	d	X					X						

TABLE NOTES: a = Weekly b = Monthly c = Quarterly d = semi-annually e = annually x = when due Shaded = Complete

Oswego Harbor Power LLC

C/O Eastern Generation LLC | 300 Atlantic Street, 5th Floor, Stamford, CT 06901

Appendix 2: NERC Compliance Calendar

Task Name	Task Frequency	Category	Task Plan
PRC-005 Protection System Battery Maintenance Quarterly	Quarterly	Operational Maintenance	Every 4 months (quarterly recommended) Refer to NERC Standard PRC-005 Table 1-4. Verify: • Station dc supply voltage • Battery can perform as manufactured by evaluating cell/unit measurements indicative of battery performance (e.g., internal ohmic values or float current) against the station battery baseline. (VRLA) Inspect: • For unintentional grounds • Electrolyte level (VLA/NiCad) • Condition of all individual units by measuring battery cell/unit internal ohmic values. (VRLA)
CIP-003 Facility Security Perimeter Check	Quarterly	Procedural	Perform site Physical Security Perimeter audit. Document any found issues and schedule required maintenances. Update documentation as schedules change or maintenances completed.
COM-002 Check/Confirm Operation of Backup Communication Systems	Annual	Routine Inspections	Verify that backup communication systems are functioning properly. Ensure that a message or call can be sent/received and that any chargers are functional and that batteries will charge.
CIP-004 Cyber Security Awareness	Quarterly	Training	Every quarter, ensure cyber security reinforcement has been provided to all individuals.
GADS Reporting	Quarterly	Reporting	Complete and submit GADS entry each quarter.
PRC-004 Misoperation Reporting	Quarterly	Reporting	Submit misoperation report through the ERO Portal every quarter.
FAC-003 Vegetation Outage Circuit Reporting if applicable	Quarterly	Reporting	Report any outages caused by vegetation or submit opt out report if not applicable.
CIP-003 - Training - Cyber Security Awareness	Annual	Training	Every 15 months (12 months recommended), train all personnel on cyber security practices. Review training logs for completion by

			applicable personnel before closing. Ensure training logs are documented properly.
Communications Training	Annual	Training	Operators to review the facilities communications procedures (COM-001, COM-002, IRO-001, IRO-010, TOP-001, TOP-003) for communication protocols and train on three-part communication. Review training logs for completion by applicable personnel before closing. Ensure training logs are documented properly.
EOP-004 - Training - Event Reporting and Requirements	Annual	Training	Training for event reporting procedures. Operators to review the facility EOP-004 procedure and emergency contacts. Review training logs for completion by applicable personnel before closing. Ensure training logs are documented properly.
NERC - Training - General Compliance	Annual	Training	Best practice training for NERC awareness and compliance. Review training logs for completion by applicable personnel before closing. Ensure training logs are documented properly.
PER-006 - Training - Protection System Schemes	Annual	Training	Train Operators on protection system schemes and Remedial Action Schemes (RAS). Review training logs for completion by applicable personnel before closing. Ensure training logs are documented properly.
PRC-004 - Training - Analysis and Mitigation of Misoperations	Annual	Training	Train Operators on procedures for analysis and mitigation of misoperations. Review training logs for completion by applicable personnel before closing. Ensure training logs are documented properly.
VAR-002 - Training - Generator Operation for Maintaining Network Voltage Schedules	Annual	Training	Train Operators on procedures for maintaining network voltage schedules. Review the facilities voltage schedule and ensure it is up to date. Review training logs for completion by applicable personnel before closing. Ensure training logs are documented properly.
CIP-003 Cyber Security Incident Response Tabletop Exercise	Once Only	Training	Every 3 years perform a Cyber Security Incident Response tabletop exercise. The exercise must be of a reportable event. If there are deviations from the facilities Incident Response Plan, make the necessary updates to the plan and ensure it is distributed to plant personnel.

CIP-004 Cyber Security Annual Training	Annual	Training	Ensure all personnel with either electronic access or unescorted physical access receive annual training.
EOP-004 Event Reporting- Validate Contact Information	Annual	Reporting	Verification that all EOP-004 Event Reporting contact information is correct. Check for changes and update as necessary.
FAC-008 Facility Ratings Review	Annual	Procedural	Review and confirm that facility ratings are up to date. Update if necessary. Note any planned facility equipment upgrades or replacements that could affect the rating.
ICP Self-Assessment Annual Review	Annual	Procedural	Review Internal Compliance Program for adequacy. Update as necessary.
NERC Standard Applicability Analysis	Annual	Procedural	Applicable to MOD-032, PRC-023, PRC-26, TPL-007, etc.? Also, check NERC Standards for applicability regarding major facility projects completed or upcoming (FAC-008, MOD-026-027, PRC-019, etc.).
PRC-005 Equipment List Review	Annual	Procedural	Once a year review/populate equipment list and ensure all relays, communication systems, PTs/CTs, battery systems, and control circuitry are accounted for and that dates are correct.
PRC-018 Disturbance Monitoring Equipment	Once Only	Operational Maintenance	Every 6 years verify that settings are as specified. • Test and, if necessary, calibrate according to manufacturer's instructions. • Verify that Sequence of Events Recordings, Fault Recordings, and/or Dynamic Disturbance Recording data can be saved and transferred.
PRC-005 Protection System Battery Maintenance Annual	Annual	Operational Maintenance	Every 18 months (12 months recommended) Refer to NERC Standard PRC-005 Table 1-4. Verify: • Float voltage of battery charger • Battery continuity • Battery terminal connection resistance • Battery intercell or unit-to-unit connection resistance • Battery can perform as manufactured by evaluating cell/unit measurements indicative of battery performance (e.g., internal ohmic values or float current) against the station battery baseline. (VLA) Inspect: • Physical condition of battery rack

			• Cell condition of all individual battery cells where cells are visible - or - measure battery cell/unit internal ohmic values where the cells are not visible (VLA/NiCad)
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Appendix 3: Routine Maintenance tasks

Task	Frequency
Turbine Trip Testing	Annual
Turbine Trip Block Rebuild	Based on testing
Turbine Water Induction Prevention Function Test	Annual
Station Battery Testing	Quarterly
Lubrication Analysis	Annual
Lubrication Replacement	Based on testing
Elevator, Compressor, Fire System and HVAC PMs	By Contractor, frequency varies
Boiler Annual AI Internal/External	Annual/6 months
Boiler Casing/Drains Thermography	Annual
Electrical Thermography major components	Annual/Per Operation
Transformer Oil Analysis	Annual
Transformer Test	Every 3 years
U5 Turbine Generator Flux	Annual
Turbine Vibration Analysis	Annual
Run analysis	Each Run
Safety Valve Rebuild	Every 3 years
Shoreline Assessment/Restoration	Annual
Hanger Inspections	Every 3 years
Cathodic Protection SOTF Pipeline	Annual
Cathodic Protection Natural Gas	Annual
Natural Gas Leak Test – Air Sample	Annual
Natural Gas Line Integrity	7 years

REDACTED ERAP-ICP

EMERGENCY RESPONSE ACTION PLAN

OSWEGO HARBOR POWER

Oswego Harbor Power and South Oswego Terminal and Associated 20" Interconnecting Pipeline

This Plan satisfies the following regulations:

- U.S. EPA 40 CFR Part 112 (Oil Pollution Prevention - SPCC & OPA 90)
- U.S. EPA 40 CFR Part 262, 273, 279 (RCRA Contingency Plan)
- U.S. EPA 40 CFR Part 125/6 NYCRR Part 750 (Best Management Practices Plan)
- USCG 33 CFR Part 154 and 156 (OPA 90)
- 49 CFR Part 195.52 (a) d 19-5.50 Incident Reporting Notice of Failure
- OSHA 29 CFR 1910.38(a), 1910.119 and 1910.165 (Emergency Action Plan)
- OSHA 29 CFR 1910.120 (HAZWOPER)
- U.S. DOT/PHMSA 49 CFR Part 194 (OPA 90)
- 6 NYCRR 598 (Chemical Bulk Storage - Spill Prevention Report)
- 6 NYCRR 610 and 613 (Major Petroleum Facilities - Spill Prevention and Containment Plan, and Groundwater Contingency Plan)
- 6 NYCRR 372, 373 (Hazardous Waste Management Plan)

Prepared for:

**OSWEGO HARBOR POWER
AND SOUTH OSWEGO TERMINAL
261 Washington Boulevard
Oswego, New York 13126**

Prepared by:

**Response Management Associates, Inc.
6620 Cypresswood Drive
Spring, TX 77379(281) 320-9796 Phone • (281) 320-9700 FAX**

EMERGENCY RESPONSE ACTION PLAN

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Qualified Individual Information

Notifications

- Internal Notification Sequence
- Internal Notification References
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- External Notification Flowchart
- External Notification References

Initial Response Actions

- Initial Response Actions
- Specific Incident Response Checklist
- Product Specific Response Considerations

Facility Response Team

Facility Response Equipment

Hazardous Identification Table

Evacuation Plan and Diagram

Facility Diagram

FIGURE 1.3**FACILITY INFORMATION**

GENERAL INFORMATION		
Facility Name:	Oswego Harbor Power (OHP) 261 Washington Boulevard Oswego, NY 13126 (315) 349-2341/2246 (24 HR) (315) 349-2248 FAX	South Oswego Terminal (SOT) Ridge Road (unmanned) Oswego, NY 13126 (315) 349-2246/7054/7723 (315) 349-2248 FAX
USCG FRP ID#:	BUF007	
US EPA FRP ID#:	FRP 0200144/6	
US DOT/IMSA ID#:	1406	
Owner Name:	Physical Address Oswego Harbor Power, LLC 261 Washington Blvd. Oswego, NY 13126 (315) 349-2341/2246 24 hour	Operator Name: Physical Address Oswego Harbor Power 261 Washington Blvd. Oswego, NY 13126 (315) 349-2341/2246 24 hour
Qualified Individual (Facility Spill Coordinator): (Home address)	[REDACTED]	
Alternate Qual. Individual (Other Emergency Coordinator): (Home address)	[REDACTED]	
Alternate Qual. Individual (Other Emergency Coordinator): (Home address)	[REDACTED]	
Alternate Qual. Individual (Other Emergency Coordinator): (Home address)	[REDACTED]	
Alternate Qual. Individual (Other Emergency Coordinator): (Home address)	[REDACTED]	
Alternate Qual. Individual (Other Emergency Coordinator): (Home address)	[REDACTED]	
Alternate Qual. Individual (Other Emergency Coordinator): (Home address)	[REDACTED]	

FIGURE 1.3

FACILITY INFORMATION (Cont'd)

GENERAL INFORMATION (Cont'd)		
Telephone/FAX:	Additional telephone references, including 24-hour numbers, for the Facility, Owner, and QI/AQI are provided in Figure 2.2.	
Primary SIC Code:	OHPS: 4911 SOT: 5171	
Date of Initial Oil Storage:	1941	
FACILITY LOCATION		
County:	Oswego County, NY	
Latitude:	43° 27' 31" (OHPS)	43° 24' 28" (SOT)
Longitude:	76° 30' 44" (OHPS)	76° 30' 56.9"" (SOT)
Area Map:	Provided in Figure 1.1	
Facility Diagram:	Provided in Figure 1.2	
Wellhead Protection Area:	No impact (Source - New York State Department of Health)	
Landside Directions:	OHP: From NY-104, Oswego, New York Continue west on Washington Blvd. to 261 Washington Blvd. SOT: Four miles south of Oswego, New York between Ridge Road and Rathburn Road, south of Co. Route 20.	
Waterside Directions:	OHP is located on the western end of the Oswego Harbor Turning Basin, southeast shore of Lake Ontario.	

FIGURE 2.1

INTERNAL NOTIFICATION SEQUENCE

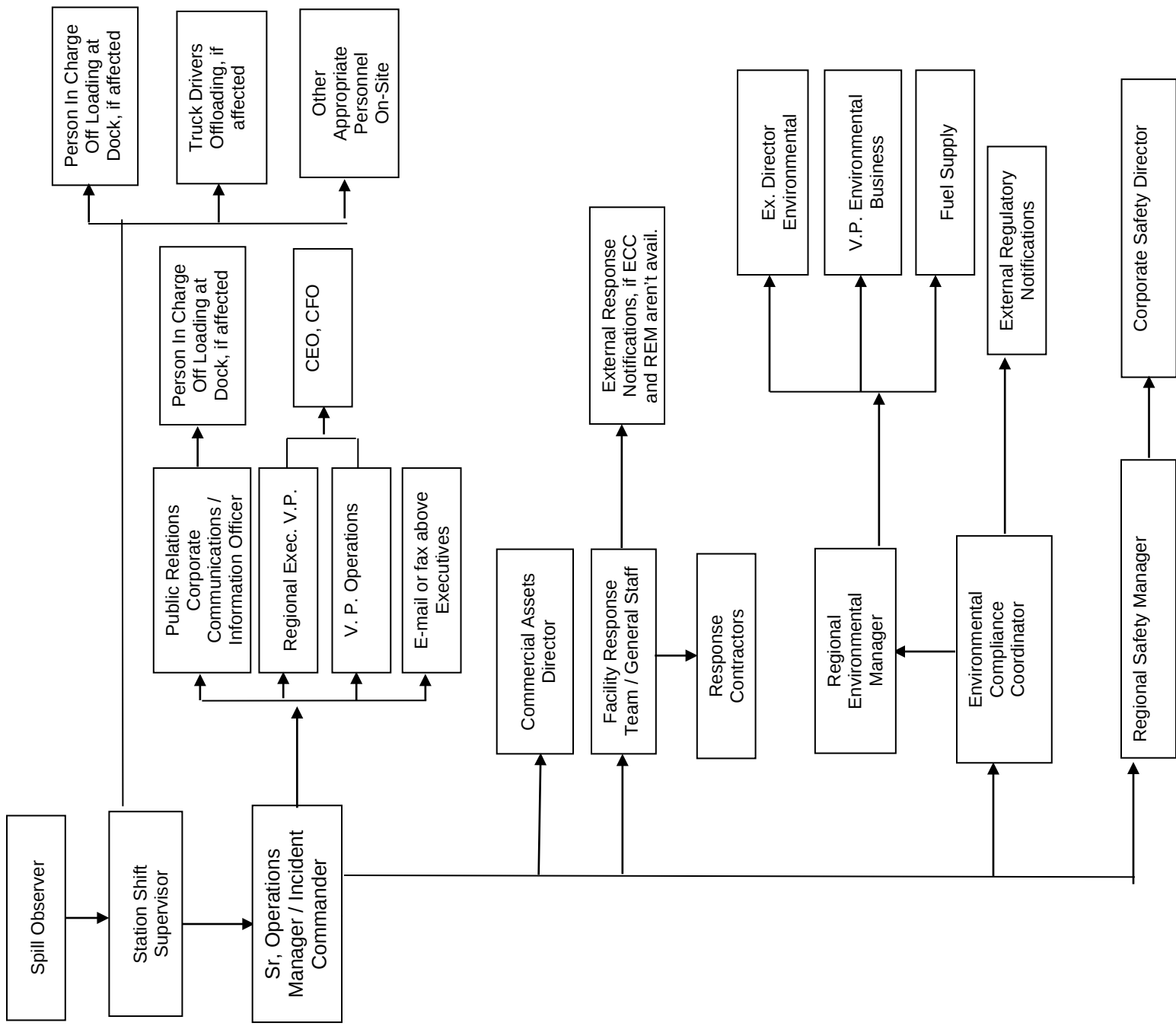


FIGURE 2.2

INTERNAL NOTIFICATION REFERENCES

FAX = Facsimile Machine
MBL = Mobile Phone
PGR = Pager

GENERAL FACILITY						
FACILITY AREA		ADDRESS		OFFICE		FAX NUMBER
Oswego Harbor Power		261 Washington Boulevard Oswego, New York 13126		(315) 349-2246/2341		(315) 349-2248
South Oswego Terminal		Ridge Road Oswego, New York 13126		(315) 349-7054/2246/2341		(315) 349-2248
FACILITY RESPONSE TEAM						
POSITION/TITLE	NAME	RESPONSE TIME	TRAINING LEVEL	OFFICE	HOME	OTHER
Incident Commander (QI) / Plant Manager	████████	1 hour (maximum)	● HAZWOPER ● SPCC Plan ● Station / Terminal and routine safe operating procedures ● ICS ● OPA	████████	████████	████████
Operations Section (AQI) / Maintenance/Utilities Supervisor/FSO	████████ ████████	1 hour (maximum)		████████ ████████	████████ ████████	████████
Alternates (AQI)	████████			████████	████████	████████
Planning Section (AQI) / Tech Services Manager	████████	2 hours (maximum)		████████	████████	████████
(AQI) / Alternate	████████			████████		████████
Finance/Administration Section / Business Manager	████████	2 hours (maximum)		████████		████████

FIGURE 2.2

INTERNAL NOTIFICATION REFERENCES (Cont'd)

FAX = Facsimile Machine
MBL = Mobile Phone
PGR = Pager

FACILITY RESPONSE TEAM (CONT'D)						
POSITION/TITLE	NAME	RESPONSE TIME	TRAINING LEVEL	OFFICE	HOME	OTHER
Internal Information Communications Officer / Administrative Assistant	██████████	1 hour (maximum)	● HAZWOPER ● SPCC Plan ● Station / Terminal routine safe operating procedures ● ICS ● OPA	██████████	██████████	██████████ ██████████
Station Incident Coordinators / Station Shift Supervisors	██████████ ██████████ ██████████ ██████████	Immediate (on-site)		██████████ ██████████ ██████████	██████████	██████████ ██████████ ██████████
Logistics Section / Sr. Storekeeper/Clerical	██████████	1 hour (maximum)		██████████	██████████	██████████
Alternate	██████████			██████████	██████████	██████████
Liaison Officer / Environmental / FSO	██████████ ██████████	2 hours (maximum)		██████████ ██████████	██████████	██████████ ██████████
Station Health and Safety Officer / Regional Chemistry Manager	██████████	1 hour (maximum)		██████████ ██████████	██████████ ██████████	██████████
Alternate	██████████					
Alternate	██████████					
Command Post	██████████	-----		██████████	██████████	██████████

FIGURE 2.2

INTERNAL NOTIFICATION REFERENCES (Cont'd)

FAX = Facsimile Machine
MBL = Mobile Phone
PGR = Pager

CORPORATE Notifications					
POSITION/TITLE	NAME	Corporate	OFFICE	Mobil	OTHER
Chief Operating Officer					
Executive Director – Environmental Manager – Environmental Compliance					
Regional President - Northeast					
Sr. General Counsel – East Regional / Legal Advisor (LA)					
Regional General Counsel/ Alternate Legal Advisor (ALA)					
Public Information Officer (PIO), Dir. Of Regulatory Affairs	████████		████████	████████	
Alternate Public Information Officer (APIO), VP of Regulatory Affairs	████████		████████	████████	
Headquarters					
Vice President & Treasurer					
Vice President Business Controller (Accounting)					
Director, Insurance					
Manager, Corporate Security					
VP Safety & Training					

FIGURE 2.2
INTERNAL NOTIFICATION REFERENCES (Cont'd)

FAX = Facsimile Machine MBL = Mobile Phone PGR = Pager

FIGURE 2.2**INTERNAL NOTIFICATION REFERENCES (Cont'd)**

FAX = Facsimile Machine
MBL = Mobile Phone
PGR = Pager

RESPONSE MANAGEMENT ASSOCIATES, INC.					
POSITION/TITLE	NAME	RESPONSE TIME	OFFICE	HOME	OTHER
Spill Management Team NRC	NRC	-----	(800) 899-4672 24 Hrs.		
PERSON-IN-CHARGE					
POSITION/TITLE	NAME	OFFICE	OTHER		
PIC					
PIC					
PIC					
PIC					
PIC					
PIC					
PIC					

FIGURE 2.3

NOTIFICATION DATA SHEET OSWEGO HARBOR POWER

Date: _____ Time: _____

INCIDENT DESCRIPTION

Reporter's Full Name: _____ Position: _____
Day Phone Number: _____ Evening Phone Number: _____
Company: _____ Oswego Harbor Power Organization Type: _____
Facility Address: _____ South Oswego Terminal Owner's Address: _____
Ridge Road 261 Washington Boulevard
Oswego, NY 13126 Oswego, NY 13126
Facility Latitude: 43° 24' 28" N Facility Longitude: 76° 30' 44" W
Spill Location: _____
(if not at Facility) _____
Responsible Party's Name _____ Phone Number: _____
Responsible Party's Address: _____
Source and/or cause of discharge: _____
Nearest City: _____ Oswego
County: _____ Oswego State: _____ New York Zip code: _____ 13126
Section: _____ Township: _____ Range: _____ Borough: _____
Distance from City: _____ Direction from City: _____
Container Type: _____ Container Storage Capacity: _____
Facility Oil Storage Capacity: _____
Material: _____

Total Quantity Released (incl. Unit)	Water Impact (YES or NO)	Quantity into Water

RESPONSE ACTION(S)

Action(s) taken to Correct, Control, or Mitigate Incident: _____
Number of Injuries: _____ Number of Deaths: _____
Evacuation(s): _____ Number Evacuated: _____
Damage Estimate: _____
More information about impacted medium: _____

CALLER NOTIFICATIONS

Identify the Date, Time, Spill Number and Individual Contacted.
National Response Center (NRC): _____ 1-800-424-8802
Additional Notifications (Circle all applicable): USCG: _____
EPA: _____ State: _____
LEPC: _____ Other: _____

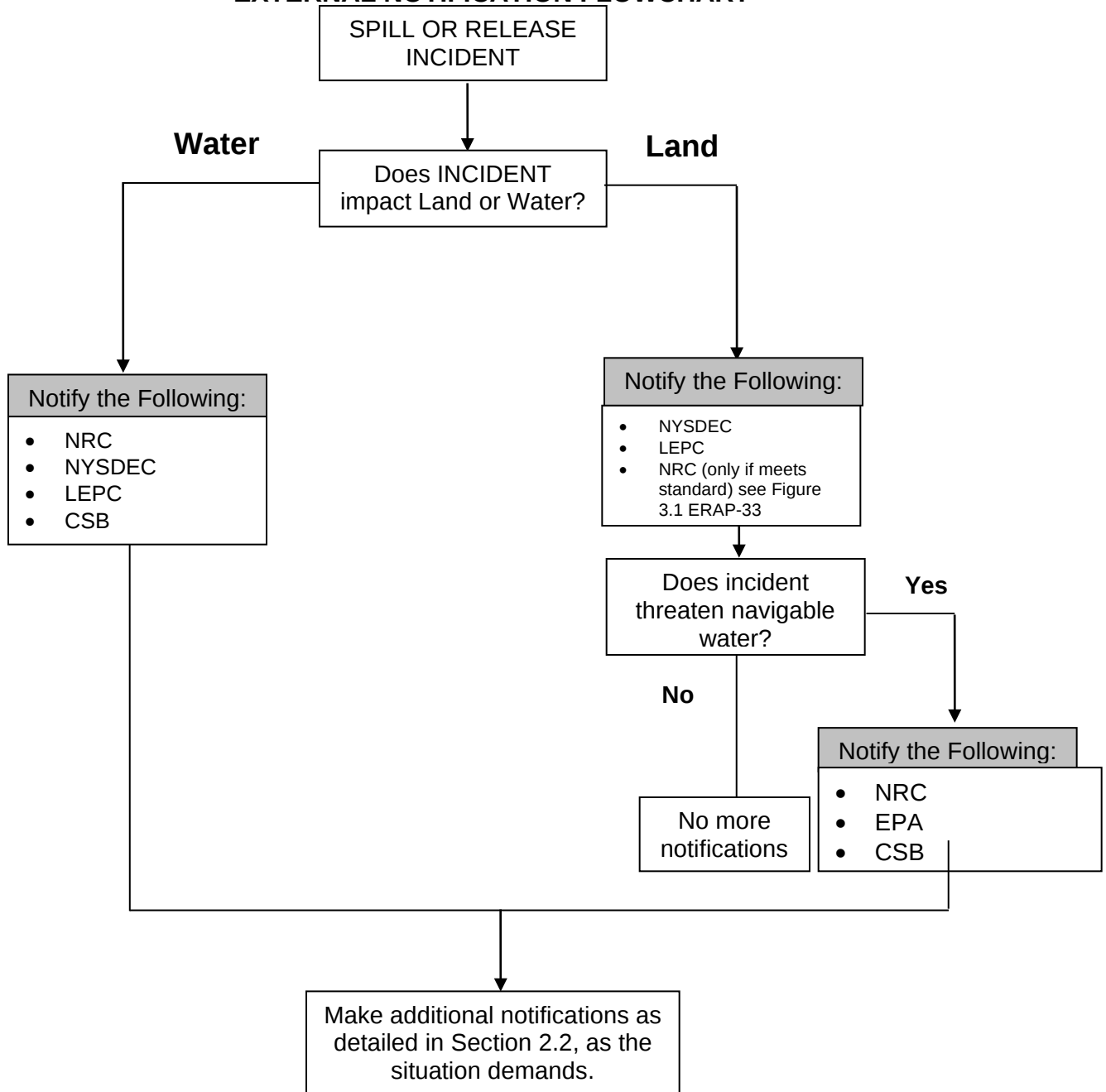
ADDITIONAL INFORMATION

Weather Conditions: Temperature: _____ Wind: _____ Speed: _____ Direction: _____ Cloud Cover: _____
Wave Height: _____ Other: _____
Any information about the incident not recorded elsewhere in this report: _____

NOTE: DO NOT DELAY NOTIFICATION PENDING COLLECTION OF ALL INFORMATION.

FIGURE 2.4

EXTERNAL NOTIFICATION FLOWCHART



Acronyms:

- NRC = National Response Center
- NYSDEC = New York State Department of Environmental Conservation
- LEPC = Local Emergency Planning Commission, Oswego Co.

FIGURE 2.5

EXTERNAL NOTIFICATION REFERENCES

REQUIRED NOTIFICATIONS		
AGENCY	TELEPHONE NUMBER	REPORTING REQUIREMENTS (IF ANY)
NATIONAL RESPONSE CENTER C/O UNITED STATES COAST GUARD (G-OPF) 2100 2 ND STREET SOUTHWEST - ROOM 2611 WASHINGTON, D.C. 20593-0001	(800) 424-8802 (202) 267-2675 (202) 267-1322 FAX	TYPE: Any Discharge or sighting of oil or pollutants on navigable waters. VERBAL: Immediately WRITTEN: Not Required
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION 625 BROADWAY ALBANY, NEW YORK 12233	(800) 457-7362 (518) 457-7362	TYPE: Any Discharge of oil, or hazardous substance exceeding an RQ as listed in NYSDEC CBS regs. VERBAL: Within 2 hours of discovery. WRITTEN: As requested by the Agency for oil, within 14 days for chemicals.
OSWEGO COUNTY EMERGENCY MANAGEMENT OFFICE (LEPC) 200 NORTH SECOND STREET FULTON, N.Y. 13069	(315) 591-9150 (315) 591-9176 FAX 911 OFF HOURS	TYPE: Any Spill which escapes the boundary of the Facility. VERBAL: Immediately WRITTEN: As the agency may request depending on circumstances.
NEW YORK STATE DEPARTMENT OF PUBLIC SERVICE GAS & WATER DIVISION SAFETY SECTION 3 EMPIRE STATE PLAZA ALBANY, NY 12223	(518) 474-5453 DAYS (315) 655-4281 (315) 391-3794 (718) 628-9623 (518) 272-7325 (518) 477-6640 (518) 370-3930 (607) 758-9833 (585) 414-8471	TYPE: Any Incident involving the underground pipeline. VERBAL: As soon as possible. For after hours, call in the following order: Brett Mahan Kevin Speicher Chris Stolicky Steve Blaney Mike McCutcheon
OTHER POTENTIAL REQUIRED NOTIFICATIONS		
OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION 200 CONSTITUTION AVENUE WASHINGTON, D.C. 20210	(800) 321-6742	TYPE: 3 or more hospitalizations or 1 or more deaths. VERBAL: Immediately WRITTEN: As requested by the Agency.
U.S. ENVIRONMENTAL PROTECTION AGENCY 2890 WOODBRIDGE AVENUE, REGION II EDISON, N.J. 08837-3679	(800) 424-8802	TYPE: All spills that impact or threaten navigable water or adjoining shoreline. VERBAL: Notification to the EPA is accomplished by the call to the NRC. WRITTEN: As the agency may request. Within 60 days with SPCC Plan if the spill is more than 1,000 gallons, or if there are 2 spill events of greater than 42 gallons each within any 12 month period.
U.S. COAST GUARD - Sector BUFFALO 1 FUHRMANN BLVD BUFFALO, N.Y. 14203 U.S. COAST GUARD OSWEGO, NY 13126	(716) 843-9527 (24) hrs. (716) 843-9580 DAYS (716) 843-9527 NIGHTS (716) 843-9571 FAX (315) 343-1551 (315) 342-0156 FAX	TYPE: All spills that impact or threaten navigable water or adjoining shoreline. VERBAL: Notification to the USCG is accomplished by the call to the NRC, but they would appreciate a call also. WRITTEN: As the agency may request depending on circumstances.

FIGURE 2.5

EXTERNAL NOTIFICATION REFERENCES (Cont'd)

OTHER POTENTIAL REQUIRED NOTIFICATIONS			
U.S. FISH AND WILDLIFE SERVICE 1849 C STREET NW WASHINGTON D.C. 20240-0002 CORTLAND, NY	(413) 253-8200 (607) 753-9334 (607) 753-9699 FAX	TYPE: Wildlife Protection/Rehabilitation. VERBAL: Immediately WRITTEN: As the agency may request depending on circumstances.	
Oswego County 911 Coordinator	(315) 349-8411 (315) 849-8229 FAX	Coordinate 911 services for Oswego County	
CSB CHEMICAL SAFETY BOARD	Phone: (202) 261-7600	reporting requirements require a report to CSB within 8 hours for any accidental releases that result in a fatality, serious injury (defined as any injury or illness that results in death or inpatient hospitalization) or substantial property damage (defined as at least \$1,000,000 in damage). Noted that if an accidental release is reported to the National Response Center (NRC), the NRC identification number must be reported to the CSB within 30 minutes of the NRC notification.	
FBI	(315) 422-0141 (315) 422-6951 FAX	Syracuse Office, which covers Oswego	
ASSISTANCE/ADVISORY NOTIFICATIONS (outside resources)			
AGENCY	LOCATION	OFFICE	ALTERNATE
USDOT Pipeline and Hazardous Materials Safety Administration (PHMSA)	Washington, D. C.	(202) 366-4595	(202) 366-4566 (FAX)
US Customs & Border Protection	Port Director Oswego	(585) 263-6293	(585) 263-5828 (FAX)
Bureau of Immigration & Customs	NDNY SAC	(716) 565-2039	(716) 565-9509 (FAX)
Transportation Security Agency	Security Director Central NY	(315) 455-3300	(315) 455-3305 (FAX)
Federal Emergency Management Agency (FEMA)	1220 Washington Ave, Bldg 22, Ste. 101 Albany, NY 12226	(518) 457-2200	(518) 457-9930 (FAX)
NYSDEC - Region 7	Syracuse, NY Office Spill Engineer	(800) 388-8223 (315) 426-7400 (315) 426-7519	(315) 426-7408 (FAX) (315) 426-2653 (FAX)
NYSDEC - Regional Wildlife Manager	Cortland, NY	(800) 388-8244 (607) 753-3095	(607) 753-8532 (FAX)
NYSDEC Police	State Dispatch	(877) 457-5680	
NYS Office of Homeland Security	State Dispatch	(866) SAFE-NYS	
Army Corp of Engineers ACOE - Field Office ACOE - Regulatory Permits Section	Buffalo, NY Auburn, NY Troy, NY	(716) 879-4206 (315) 255-8090 (518) 270-0588	

FIGURE 2.5**EXTERNAL NOTIFICATION REFERENCES (Cont'd)**

OTHER POTENTIAL REQUIRED NOTIFICATIONS			
State Emergency Management Office (SEMO)	Albany, NY	(518) 457-2222	(518) 457-9930(FAX)
SEMO Region III	Syracuse, NY	(315) 331-4880	
SEMO Region IV, Oswego		(877) 457-5680	(518) 457-2200
New York Emergency Response Commission (SERC)	Albany, NY	(518) 457-2225	(Warning Point)
New York State Police	Mexico, NY State Dispatch	(315) 963-3303 (866) SAFE-NYS	(315) 593-1223
New York Department of Transportation - Region 3	Syracuse, NY	(315) 428-4351	(315) 422-7984
Center for Environmental Health	Albany, NY	(518) 458-6400	
National Weather Service	Albany, NY Buffalo, NY	(518) 869-8665 (716) 632-1328	
NOAA	Buffalo, NY	(716) 632-2223	
Scientific Support Coordinator		(617) 223-8016	
Nine Mile Weather	Lycoming, NY	(315) 349-2715	(315) 349-4874 (FAX)
National Marine Fisheries Service - Northeast Region	Gloucester, MA	(978) 281-9300	
Village of Sodus Potable Water Intake	Sodus, NY	(315) 483-9236	
Sodus Point Village Potable Water Intake	Sodus, NY	(315) 483-6008	
Wolcott Purification Plant Potable Water Intake	Wolcott, NY	(315) 594-2288	
City of Oswego Pumping Station Potable Water Intake	Oswego, NY	(315) 343-8481	(315) 343-4523
Novelis, Inc Industrial Water Intake	Oswego, NY	(315) 349-0357	(315) 349-0121 (315) 349-0467
Nine Mile Point Nuclear Power Plants Industrial Water Intake	Lycoming, NY	(315) 349-2480	
J. A. Fitzpatrick Nuclear Power Plant Industrial Water Intake	Lycoming, NY	(315) 349-6665	
Oswego City Hall	Oswego, NY	(315) 342-8141	
Mayor's Office Mayor's Executive Assistant	Oswego, NY	(315) 342-8136 (315) 342-8140	(315) 342-8238 (FAX)
County Attorney – Richard Mitchell	Oswego, NY	(315) 349-8296	(315) 349-8298 FAX
State Assemblyman – William A. Barclay	Fulton/Albany, NY	(315) 598-5185 (518) 455-3751	(315) 592-2359 FAX (518) 455-5362 FAX
Senator – Patricia Richie	Albany/Watertown, NY	(518) 455-3438 (315) 782-3418	(518) 426-6740 FAX (315) 782-6357 FAX
County Chairman	Oswego, NY	(315) 349-8230	(315) 349-8237 FAX
Office of Parks, Recreation and Historic Preservation	Pulaski, NY	(315) 298-5737	
Oswego City Parks, Recreation and Waterways	Oswego, NY	(315) 342-8172	

FIGURE 2.5**EXTERNAL NOTIFICATION REFERENCES (Cont'd)**

OTHER POTENTIAL REQUIRED NOTIFICATIONS			
New York State Department of Parks	Syracuse, NY	(315) 492-1756	
SUNY - Oswego, Rice Creek Biological Field Station	Oswego, NY	(315) 342-0961	
SUNY - Oswego		(315) 341-5555	(315) 341-2500
Port of Oswego Authority William Scriber	Oswego, NY	(315) 343-4503	(315) 343-5498 (FAX) (315) 402-7279 (MBL)
MEDIA NOTIFICATIONS			
AGENCY	LOCATION	OFFICE	ALTERNATE
TV - WSTM - Channel 3	Syracuse, NY	(315) 477-9400	
TV - WTVH - Channel 5	Syracuse, NY	(315) 425-5555	
TV - WIXT - Channel 9	Syracuse, NY	(315) 446-9999	
TV - WCNY - Channel 24	Syracuse, NY	(315) 453-2424	
TV - WNYS - Channel 43	Syracuse, NY	(315) 471-4343	
TV-WSPX/PAXTV-Channel 56	E. Syracuse, NY	(315) 432-5656	
TV - WSYT - Channel 68	Syracuse, NY	(315) 472-6800	
Cable Sales Inc. / Syracuse Interconnect	Syracuse, NY	(315) 463-0108	(315) 431-1985
Radio - WRVO - FM 90	Oswego, NY	(315) 341-3690	(315) 341-3232
Radio - WBBS - B104.7 FM	Syracuse, NY	(315) 448-1047	(315) 421-1047
Radio - WSYR - 570 AM WYYY - Y94 FM WWHT HOT 107.9 FM WHEN - AM 620	Syracuse, NY	(315) 472-9797	(315) 474-6397 (News Tips) (315) 466-9797 (Weather) (315) 422-4636 (Info) (315) 468-1079 (FAX)
Radio - WTKW 99.5/WTKV - FM 105.5	Syracuse and Oswego, NY	(315) 343-1440	(315) 424-8599
Radio - WAQX - FM - 95X	Syracuse, NY	(315) 472-0200	
Radio - WHCD Smooth FM 106.9	Syracuse, NY	(315) 476-1069	
Radio - WSEN Oldies FM 92.1/WFBL 1050 AM	Baldwinsville, NY	(315) 635-3971	(315) 635-3909 (News Room)
Radio - WJPZ FM. Z89	Syracuse, NY	(315) 443-4689	
Radio - WZZZ - AM 1300	Fulton, NY	(315) 593-1313	
Radio - WKRL 100.9 KRock	Bridgeport, NY Syracuse, NY	(315) 633-0047 (315) 424-7625	
Radio - WLTI - FM Lite 105.9/WNTQ 93Q	Syracuse, NY	(315) 472-0200	
Radio - WMHR Christian Radio 102.9	Syracuse, NY	(315) 469-5051	
Radio - WOLF AM 1490 -	Syracuse, NY	(315) 472-0222	
Radio - WVOA 105.1 FM	E. Syracuse, NY	(315) 656-2231	

FIGURE 2.5**EXTERNAL NOTIFICATION REFERENCES (Cont'd)**

OTHER POTENTIAL REQUIRED NOTIFICATIONS			
Newspaper - Syracuse Newspapers	Syracuse and Fulton, NY	(315) 470-0011	(315) 592-7140
Newspaper - Palladium Times	Oswego, NY	(315) 343-3800	
Cable News Network	Atlanta, GA	(404) 827-1500	
United Press International	Washington, D.C.	(202) 898-8000	
Associated Press	New York, NY Syracuse, NY	(212) 621-1500 (315) 471-6471	
Sprague Energy, Greg Cooper	Oswego, NY	(315) 343-6070	(315) 592-1397 (MBL)
Federal Aviation Administration Flight Standards District Office (FSDO)	Washington, DC Rochester, NY	1 (866) TELL-FAA 1 (866) 835-5322 (585) 436-3880	(585) 436-2322 (FAX)
Transportation Security Admin (TSA)	Washington, DC	(866) 289-9673	

FIGURE 2.5

EXTERNAL NOTIFICATION REFERENCES (Cont'd)

LOCAL EMERGENCY SERVICES			
<i>DIAL 911 for All Police, Fire, and Ambulance Emergencies</i>			
SERVICE	LOCATION	OFFICE	ALTERNATE
Oswego City Police Department Police Chief	169 West Second St. Oswego, NY	911	
Oswego City Fire Department Fire Chief Westside Direct Line	Oswego, NY	911 (315) 343-2161 (315) 342-8772	(315) 343-1313 (315) 343- 0243 FAX
Ambulance Service	Oswego, NY	911	(315) 343-1313 (315) 349-5511
Oswego Hospital Upstate Medical Center	Oswego, NY Syracuse, NY	(315) 349-5511 (315) 464-5540	(315) 349-5522
Oswego County Sheriff Department	Oswego, NY	911	(315) 343-5490 (Emergency) (315) 349-3411 (Non-Emerg) (315) 349-3302 1-800-582-7583 (315) 349-3303 FAX
City of Oswego – Engineering Dept.	Oswego, NY	(315) 342-8153	(315) 342-8170 FAX
Oswego County – Highway Dept.	Oswego, NY	(315) 349-3437	(315) 349-8256
Oswego County – Solid Waste Energy Recovery Facility	Fulton, NY	(315) 591-9200 (315) 591-9280	(315) 591-9203 FAX (315) 591-9290 FAX
Oswego County – Airport	Fulton, NY	(315) 591-9130	(315) 591-9131 FAX
Town of Oswego Fire Department	Oswego, NY	911	911 343-2030
Minetto Fire Department	Minetto, NY	911	911 343 7566
Oswego County - Fire Control - Fire Coordinator	Fulton, NY	911	(315) 591-9142 1-877-675-1588 (315) 591-9146 FAX
McCrobie Civic Center	Oswego, NY	(315) 343-4990	
City Public Works Department	Oswego, NY	(315) 343-5055	(315) 342-8236 FAX
City Traffic Department	Oswego, NY	(315) 342-7494	(315) 342-8161 FAX
Oswego Town Highway Department Minetto Town Highway Department	Oswego, NY	(315) 343-0937 (315) 343-7875	(315) 343-4414 FAX (315) 342-4421 FAX
Town Water Superintendent	Oswego, NY	(315) 343-4681	
St. Lawrence Seaway Development Corp Traffic Control		(315) 765-3292	(315) 764-3292

FIGURE 2.5**EXTERNAL NOTIFICATION REFERENCES (Cont'd)**

Oswego County Emergency Management	Fulton, NY	(315) 591-9150	1-800-962-2792 (315) 591-9176 FAX
City Water Department	Oswego, NY	(315) 343-0111	(315) 342-8165 FAX
City Waterfront Department	Oswego, NY	(315) 342-8172	(315) 342-8171 FAX
Minetto Town Supervisor	Oswego, NY	(315) 343-2393	(315) 342-4421 FAX
Oswego Town Supervisor	Oswego, NY	(315) 343-2424	(315) 343-4414 FAX
Town of Oswego Water Department	Oswego, NY	(315) 343-0111	(315) 343-8481
Oswego County – Health Services Information Environmental Division Environmental Assessment & Response	Oswego, NY	(315) 349-3540 (315) 349-3545 (315) 349-3557 (315) 349-3564	(315) 349-3435 FAX

USCG CLASSIFIED OIL SPILL REMOVAL ORGANIZATIONS (OSRO)

COMPANY	CONTRACT RESPONSIBILITY	RESPONSE TIME	LOCATION	OFFICE	ALTERNATE
Clean Harbors Environmental Services, Inc.	Petroleum product cleanup and disposal under direction of QI.	2 hours	E. Syracuse, NY	(315) 463-9901	(315) 463-9623
		4 hours	Albany, NY	(518) 434-0149	(800) 282-0058
Environmental Products and Services, Inc.	Petroleum product cleanup and disposal under direction of QI.	2 hours	Syracuse, NY	(800) 533-3335	(315) 451-6666
		4 hours		(800) 5SPILLS	

ADDITIONAL RESPONSE RESOURCES

COMPANY	RESPONSIBILITY	LOCATION	OFFICE	ALTERNATE
OP-TECH Environmental Services, Inc.	Petroleum product cleanup and disposal under direction of QI.	Syracuse, NY	(800) 225-6750 315-466-3061	(315) 463-1643 (315) 463-9764 FAX
NRC/ OPTECH	Spill Management Team	GREAT RIVER, NY	(800) 899-4672 631-224-9082	WWW.NRCC.COM
Tri-State Bird Rescue	Wildlife Cleanup and Rehabilitation	Newark, DE	(302) 737-7241 (302) 737-9562 FAX (302) 737-9543	(800) 710-0695 PGR (800) 710-0696 PGR
Jean Soprano 211 Sutton Road	Wildlife Rehabilitator	Pennellville, NY	(315) 695-6418	
NYSDEC, Region 7 Bonnie Parton Three Rivers WMA Field Office	Fish & Wildlife Technician II	Phoenix, NY	(315) 695-2272 (315) 695-2272 FAX	(607) 543-0079
Oswego Shelter	Wildlife Shelter	Oswego, NY	(315) 343-1803	911 after 17:00

FIGURE 2.5**EXTERNAL NOTIFICATION REFERENCES (Cont'd)**

AVIATION RESOURCES			
AGENCY	LOCATION	OFFICE	ALTERNATE
Wolf Aviation Services, Inc. Jennifer Goodman Jennifer Connal Stanton	Syracuse, NY	(315) 455-9701	(315) 455-7236 FAX wolf-aviation.com
Syracuse Helicopter Division Aviation Unit	Syracuse, NY	(315) 454-3410	(315) 454-4921 FAX
SECURITY AND GENERAL INFORMATION			
AGENCY	LOCATION	OFFICE	ALTERNATE
FAX	Oswego Harbor Power Station	(315) 349-2248	
Office Building Rail Site	South Oswego Terminal South Oswego Terminal	(315) 349-7054 (315) 349-7723	(315) 349-2351 (315) 349-2351
General Information CAMS	Headquarters	(713) 358-9700	
General Information Generation Bridge	Headquarters (ArcLight)	(617) 531-6300	

FIGURE 3.1

SPECIFIC INCIDENT RESPONSE CHECKLIST

FIRST OSWEGO HARBOR POWER PERSON NOTIFIED/ON SCENE

- _____ Follow the appropriate "***Specific Incident Response Checklist***" in Figure 3.1 and "***Product Specific Response Considerations***" in Figure 3.2.
- _____ Notify the **Control Room/SSS** or **Facility Management** of the incident.

FACILITY MANAGEMENT

- _____ **Evaluate the Severity**, Potential Impact, Safety Concerns, and Response Requirements based on the initial data provided by the first person on scene.
- _____ Assume the role of **Incident Commander**.
- _____ **Confirm safety** aspects at site, including need for personal protective equipment, sources of ignition, and potential need for evacuation.
- _____ Activate the **Facility Response Team** and **primary response contractors**, as the situation demands.
- _____ Utilize local emergency services as necessary (police, fire, medical).
- _____ Coordinate/perform **activation of additional spill response contractors**, as the situation demands (telephone reference is provided in Figure 2.5).
- _____ Perform notifications as per Figure 2.1, including Spill Management Team activation, as necessary.
- _____ Coordinate/perform **regulatory agency notification**, as the situation demands (notification procedures and telephone references are provided in Figures 2.4 and 2.5 respectively).
- _____ Proceed to spill site and **coordinate response and clean-up operations**.
- _____ Direct containment, control, and/or clean-up operations in accordance with the Product Specific Response Considerations provided in Figures 3.2 and 3.3.

FACILITY RESPONSE TEAM

- _____ Assigned personnel will immediately respond to a discharge from the Facility, as the situation demands.
- _____ Perform response/containment operations as directed or coordinated by the Incident Commander and Unified Command.
- _____ Assist as directed at the spill site.

FIGURE 3.1

SPECIFIC INCIDENT RESPONSE CHECKLIST (Cont'd)

LINE BREAK OR LEAK, SPECIFIC RESPONSE

- _____ Shut down pumping equipment.
- _____ Close upstream and downstream block valves.
- _____ Utilize Combustible Gas Indicator, O₂ meter, proper colorimetric indicator and/or other air sampling measurements to assure that areas are safe to enter for continued response operations.
- _____ Mitigate spreading of the product, as the situation demands. Potential containment strategies include:
 - Earthen dike/berm
 - Ditching
 - Spreading sorbent material over the spill
- _____ Prevent the spill from entering the waterways, sewer, etc. to the greatest extent possible.
- _____ Determine the direction and expected duration of spill movement. Refer to the maps in Section 6.0.
- _____ If located within containment area, ensure that drainage valve(s) is "closed".
- _____ Drain the line section, as the situation demands.
- _____ Make all necessary repairs.
- _____ Return the line/rack to service when repairs are complete.
- _____ Clean up spilled product to eliminate any possible environmental problems. Be alert for underground cables.
- _____ If the spill escapes the containment area, review the location of socio-economic and environmentally sensitive areas identified in Section 6.0. Determine which of these may be threatened by the spill and direct the response operation to these locations. Initiate protection and recovery actions.
- _____ Inform local operators such as utilities, telephone company, railway.
- _____ Complete follow-up and written reporting, as the situation demands.

LEAKS / SPILLS

FIGURE 3.1

SPECIFIC INCIDENT RESPONSE CHECKLIST (Cont'd)

STORAGE TANK LEAK, SPECIFIC RESPONSE

- _____ Shut down all tank battery product movement operations and isolate the tank.
- _____ Initiate Confined Space Entry procedures, as applicable.
- _____ Ensure that the containment area drainage valve(s) is "closed".
- _____ If near tank bottom, consider filling tank with water and maintain water bottom to suspend the discharge.
- _____ Utilize Combustible Gas Indicator, O₂ meter, proper colorimetric indicator and/or other air sampling measurements to assure that areas are safe to enter for continued response operations.
- _____ If possible, block drainage of spilled material from traveling offsite.
- _____ Stop all traffic in hazardous area (inside and outside of property boundaries), as the situation demands.
- _____ Remove product from containment area (at a sump or in a low area) with an explosion proof pump, oil skimmer, and/or vacuum truck w/ skimmer attachments.
- _____ If applicable, process remaining product through the separator system.
- _____ Determine the direction and expected duration of spill movement. Refer to the maps in Section 6.0.
- _____ Empty tank as soon as possible.
- _____ Make all necessary repairs. Return the line/tank to service when repairs are complete and tested.
- _____ Clean up product spill to eliminate any possible environmental problems. Be alert for underground cables.
- _____ Stockpile waste for eventual disposal.
- _____ If the spill escapes the containment area, review the location of socio-economic and environmentally sensitive areas identified in Section 6.0 and ACP. Determine which of these may be threatened by the spill and direct the response to these locations. Initiate protection and recovery actions.
- _____ Inform local operators such as utilities, telephone company, railway.
- _____ Complete follow-up and written reporting, as the situation demands.

FIGURE 3.1

SPECIFIC INCIDENT RESPONSE CHECKLIST (Cont'd)

LEAK OR SPILL AT THE TRUCK RACK, SPECIFIC RESPONSE

- _____ Evacuate personnel from the truck rack area, as the situation demands.
- _____ Shut down all loading operations, pump motors and loading valves.
- _____ Guard against all source of ignition.
- _____ Stop all traffic from entering rack or hazardous area.
- _____ If a line leak, close off riser valves and/or tank valves.
- _____ Clean area as directed by Facility Management.
- _____ Resume truck loading operations as directed by Facility Management.

LEAKS / SPILLS

FIGURE 3.1

SPECIFIC INCIDENT RESPONSE CHECKLIST (Cont'd)

MARINE OPERATION SPILLS/LEAKS, SPECIFIC RESPONSE

- _____ Shut down all engines/motors/transfer operations by immediate notification to the vessel by radio or other means.
- _____ Close all line and ship manifold discharge valves.
- _____ Notify Facility personnel
- _____ If hose rupture, drain line into barge, drums, buckets, and blank line to stop spill into water.
- _____ Initiate Confined Space Entry procedures, as applicable.
- _____ Utilize Combustible Gas Indicator, O₂ meter, proper colorimetric indicator and/or other air sampling measurements to assure that areas are safe to enter for continued response operations.
- _____ If other than hose rupture, determine source of leak and stop.
- _____ Prevent discharge from entering the water if at all possible by:
 - Pumping from sump or deck drainage system into drums, tanks, containment area, or other storage facility.
 - Directing the flow into a containment or collection area away from the water, if feasible.
 - Placing containment boom or sorbent material around area (provided that a safe operating environment exists).
- _____ If the product enters the water and a safe operating environment exists, try to contain by:
 - Deploying spill response equipment (facility and/or contract) to prevent/ mitigate spill impact (spreading of spill).
 - Attempting to divert/contain the spill:
 - In quiet area or low current areas of the water.
 - Away from strong winds or in areas that could be affected by change in wind direction.
 - Away from areas of hazard to public, property improvements, marinas, water intakes, etc.
- _____ Utilize Combustible Gas Indicator, O₂ meter, proper colorimetric indicator and/or other air sampling measurements to assure that areas are safe to enter for continued response operations.
- _____ Make all necessary repairs.
- _____ Return the line/vessel to service when repairs are complete.

FIGURE 3.1

SPECIFIC INCIDENT RESPONSE CHECKLIST (Cont'd)

MARINE OPERATION SPILLS/LEAKS (Cont'd)

- _____ Clean up spilled product to eliminate any possible environmental problems. Be alert for underground cables.
- _____ If the spill escapes the containment area, review the location of socio-economic and environmentally sensitive areas identified in Section 6.0 and the ACP. Determine which of these may be threatened by the spill and direct the response operation to these locations. Initiate protection and recovery actions.
- _____ Request local authorities (USCG, Marine Patrol, Harbor Police, etc.) to establish traffic control in the area, as the situation demands.
- _____ Inform local operators such as utilities, telephone company, railway.
- _____ Complete follow-up and written reporting, as the situation demands.

VESSEL BREAKAWAYS

- _____ Terminate transfer operations and close all transfer valves.
- _____ Deploy tug (in the event it is on standby away from the tow) to retrieve the barge(s) and resecure mooring to the dock.

FIGURE 3.1

SPECIFIC INCIDENT RESPONSE CHECKLIST (Cont'd)

EXPLOSIONS AND/OR FIRE, SPECIFIC RESPONSE

INDIVIDUAL DISCOVERING THE FIRE - (All Employees)

- _____ Call the Fire Department (911).
- _____ Sound the Facility fire alarm.
- _____ Push the red emergency shutdown switch.
- _____ Notify Facility Management.
- _____ Return to the scene of the fire and, if practical and safe, attempt to extinguish same with the nearest fire equipment available.
- _____ In the event the fire is too large for an individual to fight alone, the individual sounding the alarm or making the phone call should stand by at a safe distance to direct the fire department to the scene of the fire and keep personnel and vehicles from entering the danger area.
- _____ Alert all Facility areas of the exact location and extent of the fire.
- _____ Instruct all drivers to discontinue loading, disconnect loading arms, and tell all drivers present to stand by their trucks and wait for instructions to remove same to safe area.
- _____ Shut off pumps.
- _____ Close loading rack valves and stand by truck loading rack for instructions.
- _____ In the event that a vessel is tied up at the dock, instruct the Person-in-Charge on duty to stand-by to shut off all valves at the dock.
- _____ If product is being received from pipelines, notify the appropriate pipeline personnel of the fire and request that the pipeline be shut down. The tank which is receiving product from the pipeline must not be closed until assurance is received that the pipeline is down, unless that tank is involved in the fire.
- _____ After confirmation has been received that pipelines have been shut down, close the pipeline header valves.

FIGURE 3.1

SPECIFIC INCIDENT RESPONSE CHECKLIST (Cont'd)

EXPLOSIONS AND/OR FIRE (Cont'd)

- _____ Drivers with trucks in the Facility, stand by truck for instructions on where to move vehicles. Others report to the office and await further instructions.
- _____ Shut off power at the electrical panel to any vapor recovery units.
- _____ Press the emergency shut off for any vapor recovery units.
- _____ Close valves for the tanks in the tank farm.

INDIVIDUAL DISCOVERING THE FIRE (in the absence of Supervision)

- _____ In the event of fire in the absence of a member of supervision or the Facility Operator, any Oswego Harbor employee on duty is designated as the individual in charge.
- _____ The individual discovering the fire will adhere to the instructions issued for the normal operation.
- _____ Ensure that the fire department has been notified.
- _____ Alert all Facility areas of the exact location and extent of the fire.
- _____ Ensure supervision is notified by telephone (refer to Figure 2.2).
- _____ Shut down the pipeline if running and proceed to close tank valves.
- _____ Prior to the arrival of a member of supervision, the individual will remain in charge and will direct the fire department to the scene of the fire.

All personnel are reminded that outsiders other than emergency services will not be allowed in the Facility during the time of an emergency, and that no statements will be issued to the media or other interested parties except by designated Facility Management. Be courteous with media representatives and direct them to the designated spokesman.

FIGURE 3.1

SPECIFIC INCIDENT RESPONSE CHECKLIST (Cont'd)

VAPOR CLOUD (from a massive spill, line rupture, etc.), SPECIFIC RESPONSE

- _____ The person who discovers the vapor cloud will sound the alarm and notify the supervisor on duty and vacate the area.
- _____ **Remember: the only proper action in the presence of a vapor cloud is to get away from it. Do not shut off electrical equipment.**
- _____ All personnel will report to the evacuation muster point for roll call and further instructions.
- _____ After all personnel have been accounted for, the Facility Management, the Facility Supervisor or a Facility Operator will initiate the following actions as deemed necessary:
 1. Shut down pipeline.
 2. Evacuation of adjacent property.
 3. Only the fire department and city / county hazmat teams will be permitted to enter the Facility.
- _____ Contact the appropriate agencies and potentially affected neighbors (refer to Figure 2.5).

VAPOR CLOUD

FIGURE 3.1

SPECIFIC INCIDENT RESPONSE CHECKLIST (Cont'd)

BOMB THREATS, SPECIFIC RESPONSE

RECEIPT OF BOMB THREAT IN WRITING (LETTER, TELEGRAM, MESSAGE):

- _____ Frequently seen devices include letter bombs, soft cover pocketbook bombs, hard cover book bombs, manila envelope bombs, and the cardboard box bombs. While many are delivered by U.S. mail, they may come by private courier or carrier. Be alert to recognize suspicious-looking items. The following conditions represent some of the possible suspicious characteristics:
 - Special handling marks (special delivery, air mail, registered, certified)
 - Restrictive markings (personal, confidential, addressee only)
 - Excessive postage
 - Handwritten or poorly typed address
 - Incorrect title or title but no names
 - Misspelling of common words
 - Oily stains or discolorations
 - No return address
 - Excessive weight
 - Lopsided, uneven, or ridged envelope
 - Protruding wires or tin foil
 - Excessive securing material (tape, string, etc.)
 - Any evidence that the envelope has been reopened and reglued
 - Mail item from a new or strange source
- _____ If you have a suspicious-looking letter or package:
 - **DO NOT TRY TO OPEN IT.**
 - Isolate it and evacuate to a safe distance.
- _____ Notify the Facility Management. If supervision is not present, call the appropriate local government agencies listed in Figure 2.5 and inform them of the bomb threat.
- _____ Save all containers, including the envelope the threat arrived in. Once the message is recognized as a bomb threat, further unnecessary handling of the materials should be avoided.
- _____ Make every possible effort to retain and protect evidence such as fingerprints, handwriting or typewriting, paper and postal marks. Place all materials in a document protector, plastic envelope, or similar container.

BOMB THREAT

FIGURE 3.1

SPECIFIC INCIDENT RESPONSE CHECKLIST (Cont'd)

BOMB THREATS (Cont'd)

RECEIPT OF BOMB THREAT BY TELEPHONE

- _____ Immediately obtain the Telephone Bomb Threat Checklist located in Appendix K for guidance during the conversation with the caller. If possible, complete the form during the call.
- _____ Report the call to the senior member of management in the Facility. If supervision is not present call the appropriate local government agencies listed in Figure 2.5 and inform them of the bomb threat.
- _____ Determine if the main part of the Facility should be evacuated. When in doubt, evacuate.
- _____ Do not attempt to use two way radios during the response period as some explosive devices can be detonated by radio waves.
- _____ Keep an outside line open to permit the caller to call back.
- _____ Common carrier truck drivers should be advised of the current situation. You should determine from the local government agency whether loading operations will continue during the response and advise the carrier drivers accordingly.
- _____ Members of the press or general public should not be permitted inside the Facility. Members of the press should be advised that a bomb threat has been received by telephone/mail and a search of the Facility is being made. Advise them that you do not have additional information, but the Facility spokesperson will meet with them when the situation permits. Advise the local government agency that members of the press are present.

BOMB THREAT

FIGURE 3.1

SPECIFIC INCIDENT RESPONSE CHECKLIST (Cont'd)

NATURAL DISASTER (Tornado and Severe Storms), SPECIFIC RESPONSE

Although many disasters cannot be prevented or predicted, preparation can significantly reduce losses. In the event of a severe weather condition or a natural disaster, the Facility Manager or a Facility Operator will be the emergency coordinator.

- **Be Aware of Changing Weather Conditions**
 1. Tornado watch - conditions are right for the formation of a tornado.
 2. Tornado warning - a tornado has been sighted but is not in the area at this time.
 3. Tornado alert - a tornado has been sighted in the immediate area - take cover immediately.
- **If Severe Weather Conditions Threaten**
 1. Sound Station alarm.
 2. Alert Facility personnel of condition.
 3. If time permits, all personnel should assemble at an inside room in the Facility for shelter.
 4. If time does not permit, seek shelter in low level area away from glass.
 5. Make certain Facility personnel are aware of the condition.
 6. Stay in shelter until "**all clear**" has been issued.
- **Immediately After the Storm**
 1. Account for all personnel.
 2. Survey for damages to Facility property.
 3. Initiate team for any repairs if needed (i.e. high tank alarms, lighting, etc.).
 4. Refer to this Plan for additional response guidance regarding fires, spills, etc., as needed.

FIGURE 3.1

SPECIFIC INCIDENT RESPONSE CHECKLIST (Cont'd)

MEDICAL EMERGENCY, SPECIFIC RESPONSE

- _____ Apply appropriate first aid for both injury and shock, exercising care not to cause further injury.
- _____ If victim is unconscious and not breathing, immediately apply artificial respiration (if trained in CPR) and continue without interruption until natural breathing is restored or relieved by another trained CPR personnel or other qualified medical personnel.
- _____ Call for ambulance or other medical evacuation resources, if appropriate.
- _____ Notify hospital of patient arrival and extent of injury.
- _____ Notify victim's immediate family.
- _____ Complete follow-up and written reporting, as the situation demands.

MEDICAL EMERGENCY

FIGURE 3.1

SPECIFIC INCIDENT RESPONSE CHECKLIST (Cont'd)

FAILURE NOTIFICATION

FAILURE NOTIFICATION

49 CFR Part 195.52 (a) states that at the earliest practicable moment following discovery of a release of the hazardous liquid or carbon dioxide transported resulting in an event described in § 195.50, the operator of the system must give notice of any failure that:

- 1) Caused a death or a personal injury requiring hospitalization;
- 2) Resulted in either a fire or explosion not intentionally set by the operator;
- 3) Caused estimated property damage, including cost of cleanup and recovery, value of lost product, and damage to the property of the operator or others, or both , exceeding \$50,000;
- 4) Resulted in pollution of any stream, river, lake, reservoir, or other similar body of water that violated applicable water quality standards, caused a discoloration of the surface of the water or adjoining shoreline, or deposited a sludge or emulsion beneath of the surface of the water or upon adjoining shorelines; or
- 5) In the judgment of the operator was significant even though it did not meet the criteria of any other paragraph of this section.

FIGURE 3.2

PRODUCT SPECIFIC RESPONSE CONSIDERATIONS for DIESEL FUEL AND FUEL OIL SPILLS

Flash Point Range: Above 100°F

Remember, Without Exception, Personnel Safety Is First Priority. Excessive Exposure To The Vapor And Liquid Stages Of The Spilled Product Should Be Avoided.

*Suggested physical response actions for these products are detailed below. It is important to note however, that each situation is unique and must be individually responded to. These procedures are considerations only. Actual circumstances may dictate that the procedures followed may differ somewhat from those listed below. **The following are intended for guideline purposes only.***

These materials are not extremely flammable. The preferred response is containment and mechanical recovery.

- ___ Identify source and stop discharge if possible.
- ___ Obtain explosimeter and other air sampling measurements to assure that areas are safe to enter for continued response operations.
- ___ If spill occurs in Tank Farm, every effort must be made to block any drainage to ditches to prevent product from escaping the containment area. Commence containment efforts for any product which has escaped.
- ___ Deploy spill response equipment and personnel in an attempt to contain and recover as much product as possible.
- ___ Advise people in the area of any potential threat and/or initiate evacuation. Inform local operators such as utilities, telephone company, railway, and tunnels as the situation demands.
- ___ Recover the product and affected soil. Be alert for underground cables and water bearing formations. Remember that product may penetrate deeper if impermeable natural layers are disturbed.
- ___ Determine the direction and expected duration of spill movement. Refer to the maps provided in Figure 6.1 for an overview of the area.
- ___ Request local authorities to establish traffic control in the area, as the situation demands.
- ___ If the spill escapes the containment area, review the location of socio-economic and environmentally sensitive areas identified in Section 6.0. Determine which of these may be threatened by the spill and direct the response operation to these locations. Initiate protection and recovery actions.

FIGURE 3.3

PRODUCT SPECIFIC RESPONSE CONSIDERATIONS for GASOLINE (INCLUDING GASOLINE CONTAINING MTBE) SPILLS

Flash Point Range: Below 100°F

Remember, Without Exception, Personnel Safety Is First Priority. Excessive Exposure To The Vapor And Liquid Stages Of The Spilled Product Should Be Avoided.

*Suggested physical response actions for these products are detailed below. It is important to note however, that each situation is unique and must be individually responded to. These procedures are considerations only. Actual circumstances may dictate that procedures followed may differ somewhat from those listed below. **The following are intended for guideline purposes only.***

These materials float on water and are extremely flammable. However, MTBE is very soluble in water (24 times more so than benzene and degrades very slowly in the natural environment.) Therefore, MTBE spills require a more immediate and thorough response than typical gasoline spills. Containment of these materials may allow explosive concentrations to accumulate. The preferred response is to minimize impact to water and protect shorelines (storm sewers, creeks, rivers, etc.) from contamination, allow evaporation to occur, and contain/clean-up remaining product.

- ___ Identify source and stop discharge if possible.
- ___ Make appropriate notifications to regulatory agencies and Company/Corporate Management and Environmental Compliance. (Refer to Figures 2.1, 2.2, 2.4 and 2.5 for notifications.)
- ___ Obtain explosimeter and other air sampling measurements to assure that areas are safe to enter for continued response operations.
- ___ Eliminate sources of vapor ignition.
- ___ Stay upwind and evacuate nonessential personnel.
- ___ Advise people in the area of any potential threat and/or initiate evacuation. Inform local operators such as utilities, telephone company, railway, and tunnels as the situation demands.
- ___ Minimize area of surface soil impacted by free product (e.g. damming). Contact with surface runoff or standing water should be prevented whenever possible.
- ___ Recover pooled hydrocarbon as soon as possible.
- ___ Free hydrocarbons may be floated with water to aid recovery if increased vapors and agitation can be avoided. The water will act as a barrier to reduce further infiltration of pure hydrocarbon into the soil. (NOTE: This water will later have to be removed and probably treated.)
- ___ If free hydrocarbon **IS NOT** present, do not add water to the impacted area.
- ___ If MTBE is involved, recover all free water in contact with the release area.

FIGURE 3.3 (Cont'd)

PRODUCT SPECIFIC RESPONSE CONSIDERATIONS for GASOLINE (INCLUDING GASOLINE CONTAINING MTBE) SPILLS

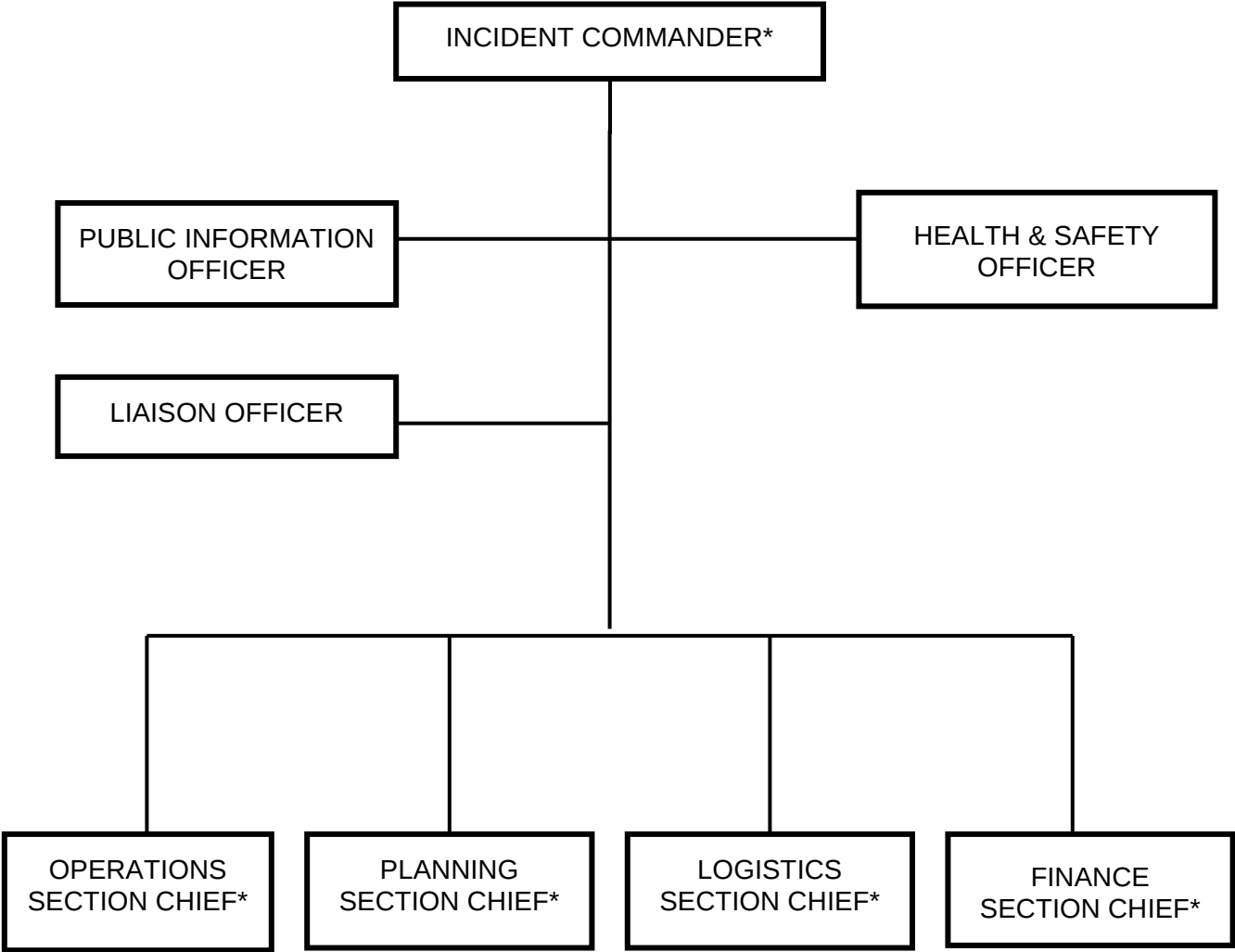
- Remove heavily impacted soil (saturated with hydrocarbons, or very strong hydrocarbon smell) as soon as possible after product/water removal.
- Place in a bin/rolloff or a waste pile lined on the bottom and covered on the top with plastic sheeting to prevent contact with rainwater and contamination of other areas.
- Drums may be used for very small spill cleanups.
- If removal of heavily-impacted soil is delayed or contaminated soil is left in place pending final disposition, the following action should be taken if the possibility of rain exists to minimize contact with rainfall:
 - Cover area with plastic sheeting, overlap seams, weigh down with sandbags;
 - Use shallow ditches to divert rainwater around contaminated site; and
 - Promptly remove any rainwater that does accumulate on the site.
- The following steps should be taken together with Environmental Compliance to minimize long term risk from the site:
 - Sample contaminated soil still in place;
 - Characterize and dispose of removed soil;
 - Estimate proper cleanup target;
 - Remove and dispose of more soil, if necessary;
 - Install groundwater monitoring wells or monitor existing wells, if necessary; and
 - Provide follow-up communication with regulatory agencies, if necessary.
- Recover the product and affected soil. Be alert for underground cables and water bearing formations. Remember that product may penetrate deeper if impermeable natural layers are disturbed.
- Due to the low flash point of these products: (1) Use non-sparking systems, (2) Have fire trucks or firefighting equipment nearby, (3) Warn all involved of the product's flammability, and (4) Allow product to evaporate to the greatest extent possible.
- Determine the direction and expected duration of spill movement. Refer to the maps provided in Figure 6.1 for an overview of the area.
- Request local authorities to establish traffic control in the area and to post a - "High Flammability" advisory, as the situation demands.
- If the spill escapes the containment area, review the location of socio-economic and environmentally sensitive areas identified in Section 6.0. Determine which of these may be threatened by the spill and direct the response operation to these locations. Initiate protection and recovery actions.

FACILITY RESPONSE TEAM

FIGURE 4.1

FACILITY RESPONSE TEAM

(For Initial Response and Class I & II Incidents)



* NOTE: Spill Management Team (SMT) personnel can assume any of these positions as necessary.

FIGURE 5.1

EXTERNAL RESPONSE RESOURCES

Buffalo Captain of the Port (COTP) Zone – Oswego, NY

USCG Classified Oil Spill Removal Organization (OSRO)							
OSRO Name	Contract Number	Environment Type	Facility Classification Level				High Volume Port
			MM	W1	W2	W3	
Clean Harbors Environmental Services, Inc. Response Time – Within 2 Hrs.	AK31371	Rivers/Canals	X	X	X	X	No
		Inland	X	X	X	X	
		Great Lakes		X	X	X	
NRC Within 2 hours	SEE ICP CONTRACT SECTION	Rivers/Canals	X				No
		Inland	X				

Additional Response Resources Identified/Contracted		
Contractor Name	Contract Number	Response/Mobilization Time
Op-Tech Environmental Services	123598	Within 2 Hrs.
O'Brien's Response Management	See App. C	Within 8 – 10+ Hrs.

Note: USCG Classification letters are provided in Appendix C and telephone numbers are provided in Figure 2.5.

POTENTIAL SPILL SOURCES AND HAZARD IDENTIFICATION TANKS ABOVE GROUND STORAGE TANKS

(Tank = any container that stores oil)

Tank Number	Substance Stored (Oil & Haz. Substance)	Average Quantity Stored (Gallons)	Maximum Capacity (Gallons)	Tank Type (i.e. floating roof, fixed roof, etc.)	Year Built	Potential Failure	Rate of Flow	Failure / Cause (Record cause and date of any Tank failure which has resulted in a loss of tank contents)	Direction of Flow	Secondary Containment Capacity (Gallons)
Oswego Harbor Power Station										
K-1A	Kerosene	Note "A"	250	Horizontal, Covered, Outdoors	1991	Rupture	-----	N/A	Note "B"	672
WO-5	Used Oil		5,000	Horizontal, Outdoors	1984	Rupture	-----	N/A		7,350
DFP	Diesel		250	Horizontal	1975	Rupture	-----	N/A		420
WO-6	Used Oil		5,000	Horizontal, Outdoors	1984	Rupture	-----	N/A		7,518
T-1	No. 6 Fuel Oil		16,254,000	Fixed Roof, Outdoors	1972	Rupture	-----	N/A		23,599,086
T-2	No. 6 Fuel Oil		16,254,000	Fixed Roof, Outdoors	1972	Rupture	-----	N/A		
T-3	No. 6 Fuel Oil		16,254,000	Fixed Roof, Outdoors	1972	Rupture	-----	N/A		
T-4	No. 6 Fuel Oil		16,254,000	Fixed Roof, Outdoors	1972	Rupture	-----	N/A		23,599,086
DT-5	No. 6 Fuel Oil		1,349,460	Fixed Roof, Outdoors	1975	Rupture	-----	N/A		
DT-6	No. 6 Fuel Oil		1,349,460	Floating Secured Roof, Outdoors	1978	Rupture	-----	N/A		1,582,056
Gas-1A	Gasoline		1,000	Fixed Roof, Outdoors	1999	Rupture	-----	N/A		1,100 (Double-walled)
DO-1A	Diesel		500	Fixed Roof, Outdoors	1999	Rupture	-----	N/A		550 (Double-walled)
Oil Storage Room #1	#1230 Delvac		150	Reservoir	UNK	Rupture	----	N/A		Note "C"

POTENTIAL SPILL SOURCES AND HAZARD IDENTIFICATION TANKS ABOVE GROUND STORAGE TANKS <i>(Tank = any container that stores oil)</i>										
Tank Number	Substance Stored <i>(Oil & Haz. Substance)</i>	Average Quantity Stored <i>(Gallons)</i>	Maximum Capacity <i>(Gallons)</i>	Tank Type <i>(i.e. floating roof, fixed roof, etc.)</i>	Year Built	Potential Failure	Rate of Flow	Failure / Cause <i>(Record cause and date of any Tank failure which has resulted in a loss of tank contents)</i>	Direction of Flow	Secondary Containment Capacity <i>(Gallons)</i>
Oswego Harbor Power Station										
Emergency Diesel Generator (1-4) (DOG 1-4)	Diesel Oil	Note "A"	500	Horizontal, Covered, Outdoors	1966	Rupture	-----	N/A	Note "B"	739
Emergency Diesel Generator Unit 5 (DOG-5)	Diesel Oil		500	Horizontal	1975	Rupture	-----	N/A		696
Emergency Diesel Generator Unit 6 (DOG-6)	Diesel Oil		500	Horizontal	1979	Rupture	-----	N/A		685
Oil Storage Room #1 (DTE26-(1-4))	Mobil DTE 26 Lube Oil		150	Fixed Roof	1939	Rupture	-----	N/A		Note "C"
Unit 5 Turbine Oil Room (DTE26-5)	Mobil DTE 26 Lube Oil		150	Fixed Roof	1939	Rupture	-----	N/A		
Unit 6 Turbine Oil Room (DTE26-6)	Mobil DTE 26 Lube Oil		150	Fixed Roof	1939	Rupture		N/A		
Unit 5 Turbine Oil Room (DTE797-5)	Mobil DTE 797 Lube Oil		150	Fixed Roof	1939	Rupture	-----	N/A		

POTENTIAL SPILL SOURCES AND HAZARD IDENTIFICATION TANKS ABOVE GROUND STORAGE TANKS

(Tank = any container that stores oil)

Tank Number	Substance Stored (Oil & Haz. Substance)	Average Quantity Stored (Gallons)	Maximum Capacity (Gallons)	Tank Type (i.e. floating roof, fixed roof, etc.)	Year Built	Potential Failure	Rate of Flow	Failure / Cause (Record cause and date of any Tank failure which has resulted in a loss of tank contents)	Direction of Flow	Secondary Containment Capacity (Gallons)
Oswego Harbor Power Station										
Unit 6 Turbine Oil Room (DTE797-6)	Mobil DTE 797 Lube Oil	Note "A"	150	Fixed Roof	1939	Rupture	-----	N/A	Note "B"	Note "C"
Units 5 & 6 Additive Day Tanks (2)	MgO and No. 2 Oil		576 (288 each)	Fixed Roof, Indoors	1990	Rupture	-----	N/A		
Units 5 & 6 Clean Oil Tanks (COT-5 & COT-6) (2)	Mobil DTE 797		30,072 (15,036 each)	Fixed Roof, Indoors	1975, 1978	Rupture	-----	N/A		
Units 5 & 6 Dirty Oil Tanks (DOT-5 & DOT-6) (2)	Mobil DTE 797		30,072 (15,036 each)	Fixed Roof, Indoors	1975, 1978	Rupture	-----	N/A		
Units 5 & 6 Burner Oil Drain Receivers (2)	Nos. 2 & 6 Oil		800 (400 each)	Reservoir, Indoors	1975, 1979	Rupture	-----	N/A		
Units 5 & 6 ID/FD Fan Oil Reservoir, ESP Bldg. (8)	Mobil DTE		1,600 (200 each)	Reservoir, Indoors	1975, 1979	Rupture	-----	N/A		
Unit 6 Switches, ID & FD Fan Rooms (4)	Transil Oil		340 (85 each)	Reservoir, Indoors	UNK	Rupture	-----	N/A		
Unit 1-4 Air Compressors (8)	Mobil DTE		480 (60 each)	Reservoir, Indoors	UNK	Rupture	-----	N/A		

POTENTIAL SPILL SOURCES AND HAZARD IDENTIFICATION TANKS ABOVE GROUND STORAGE TANKS

(Tank = any container that stores oil)

Tank Number	Substance Stored (Oil & Haz. Substance)	Average Quantity Stored (Gallons)	Maximum Capacity (Gallons)	Tank Type (i.e. floating roof, fixed roof, etc.)	Year Built	Potential Failure	Rate of Flow	Failure / Cause (Record cause and date of any Tank failure which has resulted in a loss of tank contents)	Direction of Flow	Secondary Containment Capacity (Gallons)
Oswego Harbor Power Station										
Units 5 & 6 Boiler Feed Pumps (2)	Mobil DTE 797	Note "A"	1,274 (637 each)	Reservoir, Indoors	1975, 1979	Rupture	-----	N/A	Note "B"	Note "C"
Unit 1-4 Delaval Oil Purifier	Mobil DTE		240	Reservoir, Indoors	UNK	Rupture	-----	N/A		
Oil Storage Rm #3 (50) 55 gallon drums (Varies)	Mobil Fluid 300 Mobil Fluid 350 Mobil Gear Oil 632		660 (55 per drum)	Drums, Indoors	UNK	Rupture	-----	N/A		
Bowser	Mobil Gear Oil 634 Mobil Gear Oil EP-80-90		400	Reservoir, Indoors	UNK	Rupture	-----	N/A		
2 nd Floor Chem Lab Storage Room Drum	No. 6 Fuel Oil Samples		55	Drum, Indoors	UNK	Rupture	----	N/A		
WWTP Rope Skimmer Drum	Used Oil		55	Drum, Indoors	UNK	Rupture	----	N/A		
Transformer OCB R215	Transil Oil		85	Transformer, Outdoors, 33KV Yard	UNK	Rupture	----	N/A		
Transformer OCB R220	Transil Oil		85	Transformer, Outdoors, 33KV Yard	UNK	Rupture	----	N/A		

POTENTIAL SPILL SOURCES AND HAZARD IDENTIFICATION TANKS ABOVE GROUND STORAGE TANKS <i>(Tank = any container that stores oil)</i>										
Tank Number	Substance Stored (Oil & Haz. Substance)	Average Quantity Stored (Gallons)	Maximum Capacity (Gallons)	Tank Type (i.e. floating roof, fixed roof, etc.)	Year Built	Potential Failure	Rate of Flow	Failure / Cause (Record cause and date of any Tank failure which has resulted in a loss of tank contents)	Direction of Flow	Secondary Containment Capacity (Gallons)
Oswego Harbor Power Station										
Transformers 51, 52, 61 & 62 (4)	Transil Oil	Note "A"	85,500 (21,375 each)	Transformer, Indoors, SE of U5 & SE of U6	UNK	Rupture	-----	N/A	Note "B"	Note "C"
Ground Transformers 501, 502, 601, & 602 (4) GND	Transil Oil (602 PCB- contaminated Transil Oil, 185 ppm)		1,000 (250 each)	Transformer, Outdoors, SE of U5 & SW of U6	UNK	Rupture	-----	N/A		
Transformers 53, 54, 63 & 64 (4)	Transil Oil		4,480 (1,120 each)	Transformer, Outdoors, 53/54 E of U5, 63/64 SW of U6	UNK	Rupture	-----	N/A		
Transformer 101B	Transil Oil		940	Transformer, Outdoors	UNK	Rupture	-----	N/A		
Transformers 1, 3 & 4 (3)	PCB – contaminated Transil Oil (253, 125, & 467 ppm)		6,690 (2,230 each)	Transformer, Outdoors, 1- N of DOG-6, 3-S of U3, 4- S of U4	UNK	Rupture	-----	N/A		
Unit 1-4 Transformer 410B	PCB- contaminated Transil Oil (198 ppm)		453	Transformer, Indoors, SW of U4, 2 nd Floor	UNK	Rupture	-----	N/A		
Units 5 & 6 Precipitator Transformers (64)	Transil Oil		3,520 (55 each)	Transformer, Indoors, 16 on the 8 th floor of U5/U6, 16 on 10 th floor of U5/U6	UNK	Rupture	-----	N/A		

POTENTIAL SPILL SOURCES AND HAZARD IDENTIFICATION TANKS ABOVE GROUND STORAGE TANKS <i>(Tank = any container that stores oil)</i>										
Tank Number	Substance Stored (Oil & Haz. Substance)	Average Quantity Stored (Gallons)	Maximum Capacity (Gallons)	Tank Type (i.e. floating roof, fixed roof, etc.)	Year Built	Potential Failure	Rate of Flow	Failure / Cause (Record cause and date of any Tank failure which has resulted in a loss of tank contents)	Direction of Flow	Secondary Containment Capacity (Gallons)
Oswego Harbor Power Station										
Transformers 5 & 6 (2)	Transil Oil	Note "A"	9,400 (4,700 each)	Transformer, Outdoors, SE of U5 & SE of U6	UNK	Rupture	-----	N/A	Note "B"	Note "C"
Transformers 501, 502, 601, & 602 (4)	Transil Oil		12,080 (3,020 each)	Transformer, Outdoors, E of U5 & SW of U6	UNK	Rupture	----	N/A		
Transformer 42	Transil Oil		584	Transformer, Outdoors, W of U(1-4) Screenhouse	UNK	Rupture	-----	N/A		
Training Center Transformer	Transil Oil		300	Transformer, Outdoors, S of Training Center	UNK	Rupture	-----	N/A		
Transformers YL1 & 3 (2)	Transil Oil		178 (89 each)	Transformer, Outdoors, YL1-33 KV Yard, YL3 – SE of DOG-5	UNK	Rupture	-----	N/A		
Transformer 120	PCB- Contaminated Transil Oil (128 ppm)		1,072	Transformer, Outdoors, 33 KV Yard	UNK	Rupture	-----	N/A		
Transformer 120A	Transil Oil		340	Transformer, Outdoors, 33 KV Yard	UNK	Rupture	-----	N/A		
Transformer 120B	Transil Oil		453	Transformer, Outdoors, SE of U6	UNK	Rupture		N/A		
Transformer 120C	PCB - contaminated Transil Oil (254 ppm)		453	Transformer, Outdoors, NE of Unit 6	UNK	Rupture	-----	N/A		
	TOTAL		67,923,557							

POTENTIAL SPILL SOURCES AND HAZARD IDENTIFICATION TANKS ABOVE GROUND STORAGE TANKS

(Tank = any container that stores oil)

Tank Number	Substance Stored (Oil & Haz. Substance)	Average Quantity Stored (Gallons)	Maximum Capacity (Gallons)	Tank Type (i.e. floating roof, fixed roof, etc.)	Year Built	Potential Failure	Rate of Flow	Failure / Cause (Record cause and date of any Tank failure which has resulted in a loss of tank contents)	Direction of Flow	Secondary Containment Capacity (Gallons)
South Oswego Terminal										
C-101	No. 6 Fuel Oil	Note "A"	21,000,000	Floating Secured Roof, Outdoors	1974	Rupture	-----	N/A	Note "B"	23,340,618
C-102	No. 6 Fuel Oil		21,000,000	Floating Secured Roof, Outdoors	1974	Rupture	-----	N/A		
C-103	No. 6 Fuel Oil		21,000,000	Fixed Roof, Outdoors	1974	Rupture	-----	N/A		23,375,604
C-104	No. 6 Fuel Oil		21,000,000	Fixed Roof, Outdoors	1974	Rupture	-----	N/A		
F-201	No. 6 Fuel Oil		14,700,000	Fixed Roof, Outdoors	1975	Rupture	-----	N/A		16,757,000
F-202	No. 6 Fuel Oil		14,700,000	Fixed Roof, Outdoors	1975	Rupture	-----	N/A		
F-203	No. 6 Fuel Oil		14,700,000	Fixed Roof, Outdoors	1975	Rupture	-----	N/A		
D-1	No. 2 Fuel Oil		840,000	Fixed Roof, Outdoors	1974	Rupture	-----	N/A		1,072,890
H. O. 1	Heat Transfer Oil		86,646	Fixed Roof, Outdoors	1975	Rupture	-----	N/A		
S-301	No. 6 Fuel Oil		70,266	Fixed Roof, Outdoors	1979	Rupture	-----	N/A		55,104
F-1	Diesel		350	Horizontal	1974	Rupture	-----	N/A		356
										314 each (Double Walled)

POTENTIAL SPILL SOURCES AND HAZARD IDENTIFICATION TANKS ABOVE GROUND STORAGE TANKS

(Tank = any container that stores oil)

Tank Number	Substance Stored (Oil & Haz. Substance)	Average Quantity Stored (Gallons)	Maximum Capacity (Gallons)	Tank Type (ie. floating roof, fixed roof, etc.)	Year Built	Potential Failure	Rate of Flow	Failure / Cause (Record cause and date of any Tank failure which has resulted in a loss of tank contents)	Direction of Flow	Secondary Containment Capacity (Gallons)
South Oswego Terminal										
									Note "B"	314 each (Double Walled)
										1,100 (Double-walled)
RR-1A	No. 2 Fuel Oil		1,000	Fixed Roof, Outdoors	1999	Rupture	-----	N/A		
Transformers (600 kva) (2)	Transil Oil		352 (176 gal each)	Transformer, Outdoors	UNK	Rupture	----	N/A		Note "B"
Transformer (1500 kva)	Transil Oil		222	Transformer, Outdoors	UNK	Rupture	-----	N/A		
Transformer – RR Yard	Transil Oil		540	Transformer, Outdoors	UNK	Rupture	-----	N/A		
	TOTAL		129,099,376							

* 6-inch curbing around storage tank. Drains to oil/water separator.

HAZARD IDENTIFICATION SURFACE IMPOUNDMENTS (SI)						
<i>(Surface Impoundment = natural topographic depression, man-made excavation, or diked area)</i>						
SI ID	Substance Stored	Quantity Stored (Gallons)	Maximum Capacity (Gallons)	Surface Area	Year Built	Failure / Cause <i>(Record cause and date of any SI failure which has resulted in the loss of SI contents)</i>
SOT – Stormwater Pond	Stormwater runoff	N/A	1,000,000	± 1 acre	1974	N/A
SOT – Fire Pond	Water	N/A	1,000,000	± 1 acre	1974	N/A
SOT – Rail Pond	Stormwater runoff	N/A	150,000	± ¼ acre	1979	N/A

HAZARD IDENTIFICATION UNDERGROUND STORAGE TANKS						
Tank Number	Substance Stored	Quantity Stored (Gallons)	Maximum Capacity (Gallons)	Surface Area	Year Built	Failure / Cause <i>(Record cause and date of any SI failure which has resulted in the loss of SI contents)</i>
		There are no Underground Storage Tanks at either Facility (OHP/SOT)				

POTENTIAL SPILL SOURCES AND HAZARDOUS MATERIALS

Tank Number	Hazardous Material	Failure Type	Quantity gal.	Direction of Flow	Containment
C01	Hydrochloric acid	Leak, rupture, failure	5,500	Contained within secondary containment, if fails, then to floor drains to waste sump to WWTP	110% capacity concrete secondary containment and sump
C02	Hydrochloric acid	Leak, rupture, failure	5,880	Contained within secondary containment, if fails, then to floor drains to waste sump to WWTP	110% capacity concrete secondary containment and sump
C03B	Hydrochloric acid	Leak, rupture, failure	7,100	Contained within secondary containment; if fails, northward	110% capacity concrete secondary containment
C04	Sodium hydroxide	Leak, rupture, failure	5,500	Contained within secondary containment, if fails, then to floor drains to waste sump to WWTP	110% capacity concrete secondary containment
C04A	Hydrochloric acid	Leak, rupture, failure	430	Contained within secondary containment, if fails, then to floor drains to waste sump to WWTP	110% capacity coated concrete secondary containment and sump
C05	Sodium Hydroxide	Leak, rupture, failure	5,880	Contained within secondary containment, if fails, then to floor drains to WWTP	Concrete secondary containment and sump
C08	Ammonium hydroxide	Leak, rupture, failure	5,500	Contained within secondary containment; if fails, pool in the area; the storm drain in area is permanently capped	110% capacity coated concrete secondary containment, educted into plant and to waste sump via floor drains
C06A	Sodium Hydroxide	Leak, rupture, failure	4,682	Contained within secondary containment; if fails, pool in the area; the storm drain in area is permanently capped	110% capacity coated concrete secondary containment, educted into plant and to waste sump via floor drains
Transfer Stations	Hydrochloric acid, sodium hydroxide, sodium hypochlorite, and ammonium hydroxide	Truck or hose leak	~50 gpm	Contained within secondary containment; if fails, pool in area or flow north manually	Coated concrete secondary containment outside stations and/or floor drains to waste sump to WWTP

EVACUATION PLAN

In case of an emergency within the Facility that would necessitate evacuation, some or all of the following steps are taken, depending on type of emergency and circumstances:

Initial Response

- Sound evacuation alarm and give verbal directions at OHP, give verbal alarm @ SOT.
- Call 911.
- Shut down transfer operations.
- Evacuate trucks from Facility (provided that a safe operating environment exists).
- Divert incoming trucks to a safe distance away.
- Evacuate all personnel to staging area.

Internal Alarms

- All internal systems/signals are clearly understood by all personnel, checked and practiced weekly at OHPS, and the communications equipment is maintained in "intrinsically safe" condition.
- Most locations have a signal or alarm system. In these locations, a distinct code for a fire emergency, a spill/release, an evacuation, a medical emergency and an all clear announcement are in place (4 distinct station alarms exist at OHPS which are followed by an explanation of what the alarm sounded represents over the Gaitronics).

Evacuation Diagram

- An evacuation diagram is found on the following page, showing evacuation routes from different areas of the Facility.

Evacuation Routes

- Primary and alternate evacuation routes are interchangeable based on location (in relation to stored material) and safety considerations (threat of fire/explosion, spill pathway and wind direction/vapor cloud).
- The primary hazard is threat of fire. Avoid dermal contact. Do not cross the spill pathway. Use an alternate route.
- The primary spill pathway, outside of containment, is towards Lake Ontario or Rice Creek (north).
- The prevailing winds are from the northwest in winter and the southwest in summer with an average wind speed of 10 mph. Do not cross a vapor plume. Use an alternate route.
- Water currents will not effect the Facility evacuation because no evacuation routes cross water.
- Directions to Oswego Hospital: East on Washington Blvd. to Bridge Street (Rt. 104 East) to West Sixth St. south on Sixth St. to hospital, approximately a mile away.

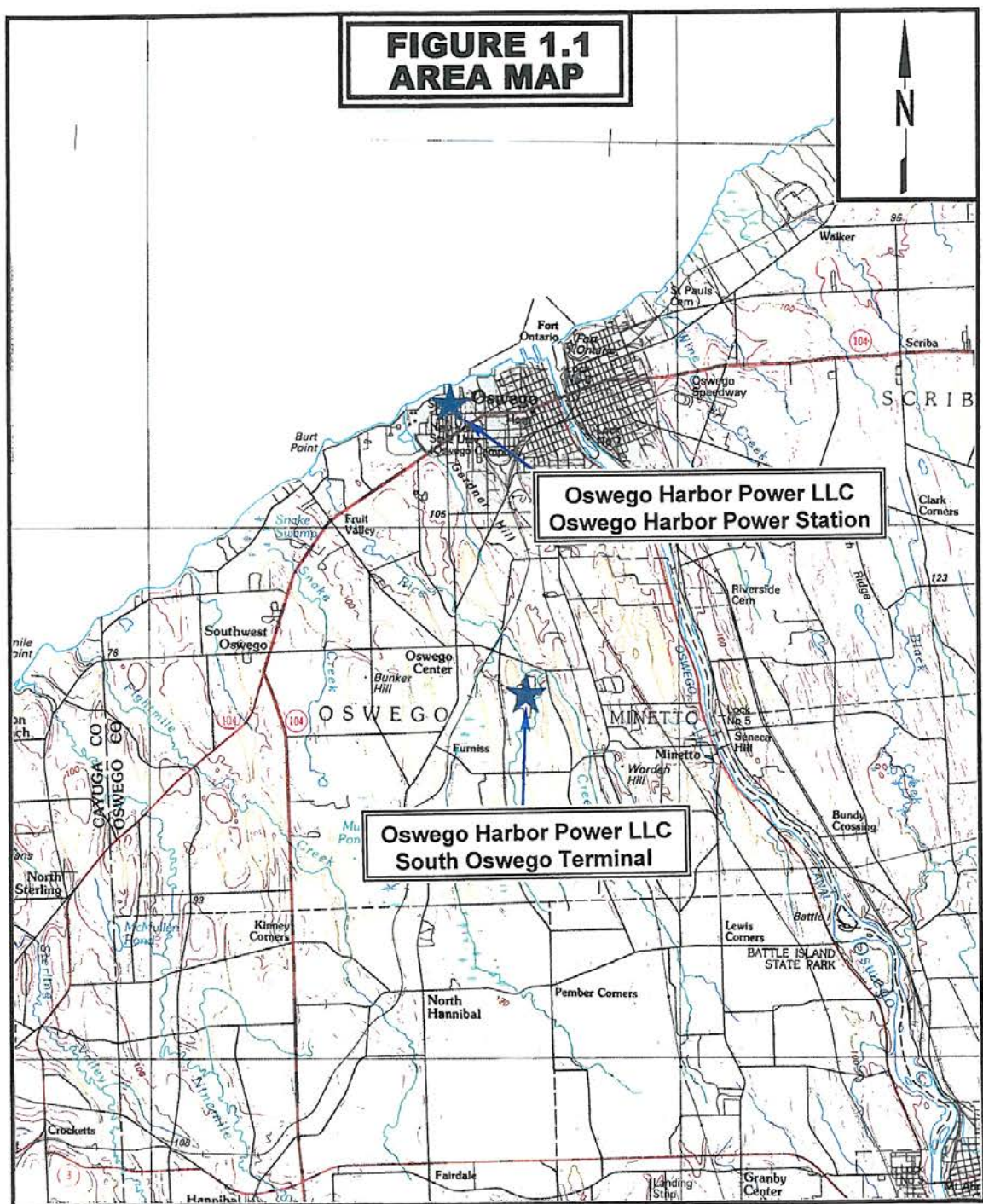
EVACUATION PLAN (Cont'd)

Muster Points and Roll Call

- The OHP primary muster point is east of Unit 6 by the Transfer Pump House. The SOT primary muster point is the main office. If appropriate, a roll call would be taken to account for all personnel. It is vital to the safety of emergency personnel to be able to quickly determine whether someone has been left at the emergency site.
- In the event the primary muster points are not accessible, the secondary OHP muster point has been established south of 115KV switchyard and the secondary SOT muster point has been established at the rail site office.

External Notification

- All city emergency response units (fire, police, ambulances, hazmat teams) can be reached by calling 911. The OHP primary arrival route of emergency response equipment is Third Avenue and West Schuyler Street. The SOT primary arrival route of emergency response personnel and response equipment is Ridge Road. The main office at SOT and the cafeteria at OHPS will be the mitigation command center and the location of shelter at each Facility if conditions permit.
- The local emergency management office or its equivalent (Police/Fire Department) will direct any community evacuation. If requested, the Facility will assist as appropriate.



**RESPONSE
MANAGEMENT
ASSOCIATES**

