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LZP 1550-11

POST-ACCIDENT SAMPLING
EQUIPMENT INVENTORY

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HAZARDOUS MATERIAL INCIDENTS REPORTING

A. PURPOSE

The purpose of this procedure is to implement the reporting requirements of the State of Illinois Public Act 79-1442 (Reference 1).

B. REFERENCES

1. State of Illinois Public Act 79-1442, "Hazardous Materials -Regulation."
2. Generating Stations Emergency Plan (GSEP).
3. LZP 1220-1, "Emergency Telephone Number."
4. LZP 1310-1, "Notifications."
5. LZP 1370-2, "Personal Injuries."
6. General Company Order No. 19, Appendix A, "Chart for Reporting Major Trouble."
7. Title 10, Code of Federal Regulations, Part 20.
8. Technical Specifications, Section 6.
9. Title 40, Code of Federal Regulations, Part 116.
10. Title 40, Code of Federal Regulations, Part 117.

C. PREREQUISITES

1. A reportable incident for hazardous materials (Reference 9 and 10) for the purpose of compliance with Reference 1 is defined as one involving hazardous materials (poisons, explosives, compressed gases, or oxidizing, combustible, flammable, irritating or corrosive materials) in which:
 - a. A person is killed or hospitalized, or
 - b. Property damage exceeds \$50,000, or
 - c. A situation exists of such a nature that there is concern that C.1.a or C.1.b. may develop.

2. A reportable incident for radioactive materials is one in which there is:
 - a. Any release exceeding technical specification limits, or
 - b. Any fire, breakage, spillage, or release from materials which are in transit away from nuclear station sites, or
 - c. Any exposure or contamination of a person at a level which exceeds 10CFR20 limits, or
 - d. A situation of such a nature that there is reasonable concern that C.2.a or C.2.b or C.2.c may develop.

D. PRECAUTIONS

1. NONE.

E. LIMITATIONS AND ACTIONS

1. In addition to requirements for reporting specified in this procedure, reports shall also be made in accordance with References 2, 6, 7, and 8.

F. PROCEDURE

1. For reportable incidents for hazardous materials as defined in C.1:
 - a. The person discovering the hazardous material incident should call extension 211 and report the incident.

NOTE

For definition of Hazardous Materials and the quantities which are reportable, refer to Table 116.4A and Table 117.3 of the Title 40, Code of Federal Regulations.

- a. Upon notification of a hazardous material incident, the Shift Engineer or his designee will take the actions specified in Appendix A to General Company Order No. 19, "Chart for Reporting Major Trouble," (Attachment B).

- c. Promptly notify Environmental Affairs of the incident. Environmental Affairs is responsible for prompt notification by telephone to the State of Illinois Emergency Services and Disaster Agency.
 - d. Notify the nearest emergency agency such as the Police or Fire Department. For incidents occurring at the LSCS site, notify the LaSalle County Sheriff.
- 2. For reportable incidents for radioactive materials as defined in C.2, notifications shall be made in accordance with the GSEP (Reference 2) which results in notification of the Emergency Service and Disaster Agency and the nearest Emergency Agency. For incidents occurring at the LSCS site, notify the LaSalle County Sheriff.
- 3. Reports made in accordance with Step F.1 and Step F.2 above, shall include information on Attachment A. Followup reporting shall be done within 15 days to the Emergency Services and Disaster Agency in writing on forms provided by that agency.
- 4. Forward the completed Hazardous Material Incident Report (Attachment A) to the Administrative and Support Services Assistant Superintendent for review. After the review, the form will be retained in the Station Central File.

G. CHECKLISTS

- 1. NONE.

H. TECHNICAL SPECIFICATION REFERENCES

- 1. Section 6.

ATTACHMENT A
EMERGENCY INCIDENT DATA SHEET

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DATE: _____

Time of Incident: _____

Form Completed By: _____

Form Reviewed By: _____

ACCIDENT AND/OR INJURY

1. Nature of incident: _____
2. Number of injured: _____
3. Probability of contamination: _____
4. Location: _____
5. Can injured be moved? _____
6. Damage to essential plant equipment: _____

NSO ACTION:

1. Notify Shift Engineer
2. If Shift Engineer or Shift Foreman is not immediately available:
 - a. Notify ambulance service
 - b. Notify Hospital
 - c. Notify Rad/Chem

FIRE

1. Location of Fire: _____
2. Seriousness of Fire: _____
3. Type of Fire (electrical, chemical, etc.): _____
4. Occupied areas in immediate jeopardy: _____

NSO ACTION:

1. Notify Shift Engineer
2. Relay information over public address system advising areas to be evacuated
3. Intermittently sound the siren.

CHEMICAL/OIL SPILLS

1. Type of Spill (acid, resin, oil, etc.): _____
2. Quantity of spill: _____
3. Location of spill and other affected areas: _____

NSO ACTION:

1. Notify Shift Engineer
2. Relay information over the public address system advising areas to be evacuated.
3. Ascertain that Rad/Chem has been notified if spill is potentially contaminated.

HIGH RADIATION OR CONTAMINATION LEVELS

1. Location: _____
2. Radiation Level (if known): _____
3. Number of personnel potentially irradiated or contaminated: _____

NSO ACTION:

1. Notify Shift Engineer
2. Relay information over public address system advising areas to be evacuated
3. Ascertain that Rad/Chem has been notified of the nature of the incident.

FLOODING

1. Location: _____
2. Seriousness of flooding: _____
3. Occupied areas in jeopardy: _____
4. Vital equipment in jeopardy: _____

NSO ACTION:

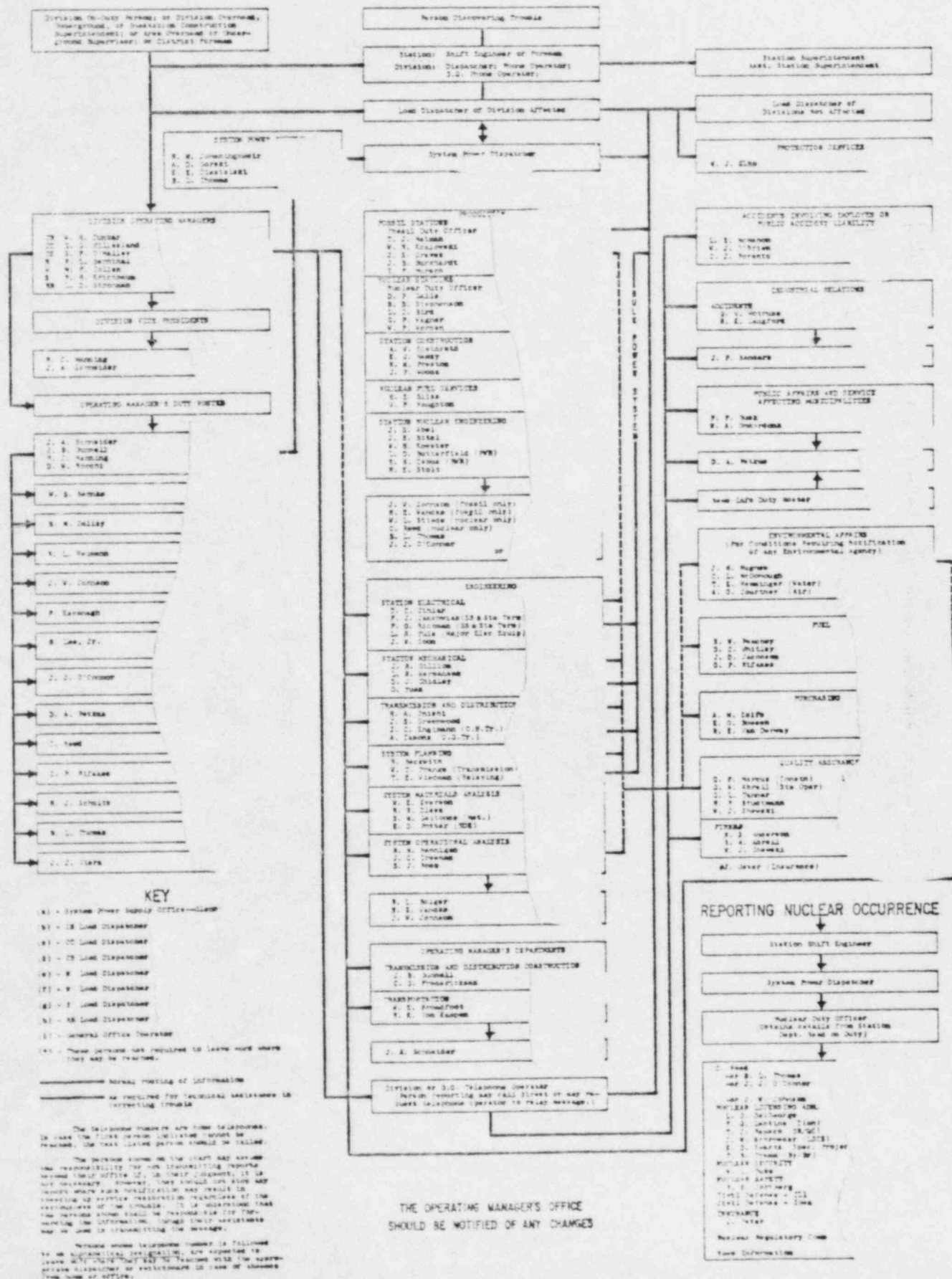
1. Notify Shift Engineer (A)
2. Relay information over public address system advising areas to be evacuated.

SECURITY INCIDENT

1. Description of incident: _____
2. Location: _____

NSO ACTION:

1. Notify Security Shift Supervisor (A)
2. Notify Shift Engineer (A)



IMPLEMENTING PROCEDURE FOR FIRE:
FIRE CHIEF (DESIGNATED SHIFT FOREMAN)

A. PURPOSE

The purpose of this procedure is to describe the duties and responsibilities of the Fire Chief in the event of a fire.

B. REFERENCES

1. LAP 900-14, "Fire Protection Program."
2. LZP 1340-3, "Implementing Procedure For Fire: Fire Officer No. 1 (Cognizant Maintenance Foreman)."
3. LZP 1340-6, "Radiation Protection Activities In Support of Fire Fighting."

C. PREREQUISITES

1. The designated Shift Foreman will function as Fire Chief, unless otherwise specified by the Shift Engineer.

D. PRECAUTIONS

1. None.

E. LIMITATIONS AND ACTIONS

1. The Fire Chief has the responsibility for the coordination of fire fighting efforts and the deployment of fire fighting personnel at the fire location; the Fire Brigade as well as Fire Companies No. 1 and No. 2 will receive direction from the Fire Chief.
2. Upon locating and verifying the fire, the Fire Chief will inform the Shift Engineer of the fire's location. The Shift Engineer will request Security to deactivate the computer controlled doors that provide access to the fire.
3. The Station Fire Marshal shall be notified immediately of fires of major proportion, fires involving large loss of equipment and any fire requiring the Off Site Fire Department. For fires other than those

above it is at the discretion of the Shift Engineer whether to immediately notify the Fire Marshal or wait until the Fire Marshal is on site.

In any case, the Fire Marshal should be notified as soon as feasible for fire reporting purposes.

F. PROCEDURE

1. Upon notification of a fire, the Fire Chief has the following duties and responsibilities:
 - a. Proceed to the fire location with protective clothing and communications equipment.
 - b. Coordinate preparatory efforts.
 - c. Assume leadership of the Fire Brigade.
 - d. Direct fire fighting personnel efforts (actions of personnel, deployment of equipment, use of equipment, methods to be used, direction of fire attack, etc).
 - e. Evaluate the severity of the situation and the need for additional assistance.
 - 1) If need for the assistance of Fire Company No. 1 is expected, contact the Shift Engineer who will dispatch the requested manpower to the designated location.

NOTE

Once on the scene, Fire Company No. 1 will function under the direction of Fire Officer No. 1 who reports to the Fire Chief.

- 2) Request the Off-Site Fire Department (Fire Comp. #2). If the need for the assistance of Fire Company No. 2 (Off-Site Fire Department) is anticipated:
 - a) Notify the Shift Engineer immediately.
 - b) Provide the Shift Engineer with as complete a description of the situation and anticipated needs (This information

will be passed on to the Off-Site Fire department).

- c) Request the Shift Engineer make the necessary call(s).
 - f. After the arrival of the Off-Site Fire Department consult with the Off-Site Fire Department Senior Officer regarding the best methods and equipment to extinguish the fire.
 - g. Work in conjunction with the Off-Site Fire Department to extinguish the fire.
 - h. Keep Shift Engineer apprised of the need for additional back-up (such as fire-fighting, medical, Rad-Protection, etc.).
 - i. Perform other duties as necessary to extinguish the fire and place the fire area in a safe condition.
 - j. Request the Station Fire Marshal be notified of the fire and its status.
 - k. Request guidance, direction or information from the Station Fire Marshal.
 - l. Consult with the Station Fire Marshal as to the best methods, techniques, and equipment to extinguish the fire.
- 2. Upon issuing the "All Clear", the Fire Chief will request Security to return the involved computer controlled doors to their pre-emergency status.
 - 3. Ensure all equipment used is returned to its designated location in working order (roll hose, replace hose, replace extinguishers, rescore systems, etc.). Any missing or damaged equipment shall be reported to the Fire Marshal. Only properly functioning equipment should be left in the equipment storage location.
 - 4. If the Off-Site Fire Department was required, provide assistance in the pick-up and removal of their equipment and assist in their timely exit from the Site.

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(final)

NOTE

The Off-Site Fire Department equipment should be surveyed for radioactive contamination at the discretion of Radiation Protection personnel.

G. CHECKLISTS

1. None.

H. TECHNICAL SPECIFICATION REFERENCES

1. None.