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TO: ~~GERACH ROSE M~~ 06/27/2003

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THE FOLLOWING CHANGES HAVE OCCURRED TO THE HARDCOPY OR ELECTRONIC MANUAL ASSIGNED TO YOU:

327 - 327 - MECHANICAL SUPPORT ENGINEER

REMOVE MANUAL TABLE OF CONTENTS DATE: 06/24/2003

ADD MANUAL TABLE OF CONTENTS DATE: 06/26/2003

CATEGORY: PROCEDURES TYPE: EP

ID: EP-PS-327

REMOVE: REV:1

ADD: REV: 2

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AOHS

PROCEDURE COVER SHEET

PPL SUSQUEHANNA, LLC		NUCLEAR DEPARTMENT PROCEDURE	
MECHANICAL SUPPORT ENGINEER: Emergency Plan-Position Specific Instruction			EP-PS-327 Revision 2 Page 1 of 3
QUALITY CLASSIFICATION: <input type="checkbox"/> QA Program <input checked="" type="checkbox"/> Non-QA Program		APPROVAL CLASSIFICATION: <input type="checkbox"/> Plant <input type="checkbox"/> Non-Plant <input checked="" type="checkbox"/> Instruction	
EFFECTIVE DATE: <u>6-26-2003</u> PERIODIC REVIEW FREQUENCY: <u>Two Years</u> PERIODIC REVIEW DUE DATE: <u>6-26-2005</u>			
RECOMMENDED REVIEWS: ALL			
Procedure Owner: <u>Nuclear Emergency Planning</u> Responsible Supervisor: <u>Primary Engineering Support Supervisor</u> Responsible FUM: <u>Supervisor-Nuclear Emergency Planning</u> Responsible Approver: <u>General Manager-Plant Support</u>			

EOF SUPPORT ENGINEER:

Emergency Plan Position Specific Procedure

WHEN: When the EOF is activated

HOW NOTIFIED: Paged/Telenotifications Systems

REPORT TO: Emergency Operations Facility

WHERE TO REPORT: Engineering Support Supervisor

OVERALL DUTY:

Provide technical data and advice to the Engineering Support Supervisor in support of emergency classifications, protective action recommendations, and information dissemination.

MAJOR TASKS:

TAB:

REVISION:

Provide support as required for the Emergency Operations Facility upon arrival.

TAB A

2

Support emergency classifications, protective action recommendation process, and information dissemination.

TAB B

1

SUPPORTING INFORMATION:

TAB:

Emergency Telephone Instructions	TAB 1
Emergency Organization	TAB 2
Emergency Classification	TAB 3
Public Protective Action Recommendation Guide	TAB 4
Intentionally Blank	TAB 5
Determining Affected Unit Status	TAB 6

REFERENCES:

NRC RTM 92,	Nuclear Regulatory Commission Response Team Manual
SSES Emergency Plan	
NUREG 0654,	Planning Standards and Evaluation Criteria
NUREG 0731,	Guidelines for Utility Management Structure and Technical Resources, Sept. 1980
NUREG 0696,	Functional Criteria for Emergency Response Facilities

MAJOR TASK:

Provide support as required for the Emergency Operations Facility upon arrival.

SPECIFIC TASKS:

HOW:

NOTE:

This position is NOT required for EOF activation. It is desired within 90 minutes of an activation event.

1. Log in upon arrival.

1a. Sign in on Ingress/Egress Log located at entrance to EOF.

1b. Clip-on the position specific name badge (applies only to Augmented staff in EOF)

2. Notify the Engineering Support Supervisor of your arrival.

2a. If part of initial responding staff, establish a telephone bridge connection with the EOF and TSC.

NOTE:

Telephone and conference bridge numbers are available in the "Emergency Telephone Directory" available at each work station.

3. Obtain sufficient knowledge of event to allow assumption of duties.

3a. Review data posted in the Command and Control, Site Support and Engineering Support areas.

3b. Obtain event information from the Engineering Support Supervisor, Shift Technical Advisor (STA), TSC, or other accurate source. Ensure knowledge of:

- (1) Affected Unit
- (2) Emergency Classification
- (3) Any Protective Action Recommendation(s)
- (4) Source term size
- (5) Release flowpath
- (6) Review and understand status of unaffected unit.

SPECIFIC TASKS:

HOW:

4. Verify engineering equipment is operational.

- 4a. Verify telephones in the Engineering Support area are functional.
- 4b. Verify Plant Integrated Computer System, (PICSY) terminals are functional.
- 4c. Verify computer terminals in the Engineering Support area are functional.

NOTE:

Report any problems to the NEP Duty Planner or EOF Support Supervisor.

5. Establish communications between the EOF, TSC and General Office.

- 5a. Establish communications between the EOF Engineering Support, TSC Tech Support and GO Engineering Support Groups using a telephone bridge connection. Maintain an open line to establish continuous communications links.

NOTE:

Telephone numbers are located in the "Emergency Telephone Directory" available at each work station.

MAJOR TASK:

Support emergency classifications, protective action recommendation process, assessment of plant status, and information dissemination.

SPECIFIC TASKS:

HOW:

- | | |
|---|---|
| 1. Monitor and trend data using the Plant Integrated Computer System (PICSY). | 1a. Utilize "white boards" in the Engineering Support Office to trend important plant parameters in support of dose projections, emergency classifications, protective action recommendations, and information dissemination. |
| | 1b. Notify Engineering Support Supervisor or Recovery Manager if significant changes occur in the data trending. |
| 2. Determine potential for upgrade of the Emergency Classification. | 2a. Review Emergency Classifications to monitor for potential upgrade. |
| | 2b. Notify the Engineering Support Supervisor or Recovery Manager if potential for escalation of the emergency classification exists. |
| | 2c. Maintain status of Emergency Action Levels (EALs) being monitored on "white boards" in the Engineering Support area. |

HELP

EMERGENCY CLASSIFICATION
 See TAB 3

- | | |
|--|---|
| 3. Maintain ongoing awareness of plant status. | 3a. Ensure an ongoing awareness of at least the following: |
| | (1) Status of Reactivity control |
| | (2) Decay heat removal |
| | (3) Backup heat removal capability |
| | (4) Integrity of fuel cladding, Rx Vessel, primary containment and secondary containment. |
| | (5) Hydrogen generation |
| | (6) Status of radiological release |

SPECIFIC TASKS:

HOW:

HELP

**DETERMINING AFFECTED UNIT
STATUS**
See TAB 6

HELP

**PUBLIC PROTECTIVE ACTION
RECOMMENDATIONS**
See TAB 4

4. Establish/maintain an Engineering Support Action Items List.

- 4a. Maintain a list of Engineering Support action items utilizing the "white boards" or easels in the Engineering Support area, including:

- (1) initial time
- (2) disposition (open/closed)
- (3) time of closure

- 4b. Periodically brief the Engineering Support Supervisor on status of engineering support activities and assignments.