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TO: ~~GERLACH\*ROSE M~~ 06/27/2003  
LOCATION: DOCUMENT CONTROL DESK  
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THE FOLLOWING CHANGES HAVE OCCURRED TO THE HARDCOPY OR ELECTRONIC MANUAL ASSIGNED TO YOU:

106 - 106 - HEALTH PHYSICS SPECIALIST (DUTY FOREMAN): EMERGENCY PLAN-POSITION  
SPECIFIC PROCEDURE

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-106  
REMOVE: REV:10

ADD: REV: 11

UPDATES FOR HARD COPY MANUALS WILL BE DISTRIBUTED WITHIN 5 DAYS IN ACCORDANCE WITH DEPARTMENT PROCEDURES. PLEASE MAKE ALL CHANGES AND ACKNOWLEDGE COMPLETE IN YOUR NIMS INBOX UPON RECEIPT OF HARD COPY. FOR ELECTRONIC MANUAL USERS, ELECTRONICALLY REVIEW THE APPROPRIATE DOCUMENTS AND ACKNOWLEDGE COMPLETE IN YOUR NIMS INBOX.

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# PROCEDURE COVER SHEET

|  |  |   |  |   |
|--|--|---|--|---|
| PPL SUSQUEHANNA, LLC   |  | NUCLEAR DEPARTMENT PROCEDURE  |  |   |
| HEALTH PHYSICS SPECIALIST:<br>Emergency-Plan-Position-Specific Instruction   |  |   |  | EP-PS-106<br>Revision 11<br>Page 1 of 3 |
| <b>QUALITY CLASSIFICATION:</b><br><input type="checkbox"/> QA Program <input checked="" type="checkbox"/> Non-QA Program   |  | <b>APPROVAL CLASSIFICATION:</b><br><input type="checkbox"/> Plant <input type="checkbox"/> Non-Plant<br><input checked="" type="checkbox"/> Instruction |  |   |
| EFFECTIVE DATE: <u>6-26-2003</u><br>PERIODIC REVIEW FREQUENCY: <u>2 Years</u><br>PERIODIC REVIEW DUE DATE: <u>6-26-2005</u>  |  |   |  |   |
| <b>RECOMMENDED REVIEWS:</b><br>ALL   |  |   |  |   |
| Procedure Owner: <u>Nuclear Emergency Planning</u><br>Responsible Supervisor: <u>Primary Radiation Protection Coordinator</u><br>Responsible FUM: <u>Supervisor-Nuclear Emergency Planning</u><br>Responsible Approver: <u>Vice President-Nuclear Operations</u> |  |   |  |   |

**HEALTH PHYSICS SPECIALIST**  
**(DUTY FOREMAN):**

Emergency Plan-Position Specific Procedure

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**WHEN:** Technical Support Center (TSC) is activated

**HOW NOTIFIED:** Paged, on- and off-hours

**REPORT TO:** Radiation Protection Coordinator (RPC) then  
Damage Control Team Coordinator (DCTC)

**WHERE TO REPORT:** TSC

**OVERALL DUTY:**

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Assess rad conditions within the restricted area and provide radiological and ALARA guidance to in-plant (India) teams.

| <b><u>MAJOR TASKS:</u></b>  | <b><u>TAB:</u></b> | <b><u>REVISION:</u></b> |
|---|--------------------|-------------------------|
| Obtain briefing from the RPC and DCTC.  | TAB A              | 5                       |
| Determine radiological conditions within the plant and restricted area.                             | TAB B              | 5                       |
| Assess onsite habitability - TSC, accountability areas, evacuation routes, and gatehouses.          | TAB C              | 7                       |
| Brief the RPC and DCTC when there are significant changes in radiological conditions onsite.        | TAB D              | 3                       |
| Prepare for team dispatch.  | TAB E              | 3                       |
| Provide guidance and brief teams on radiological and ALARA considerations.                          | TAB F              | 2                       |
| Monitor in-plant (India) team activities, exposures, and reported survey measurements.              | TAB G              | 4                       |
| Coordinate the packaging and transportation of accident samples for onsite and/or offsite analysis. | TAB H              | 1                       |
| Debrief team on radiological conditions encountered.  | TAB I              | 1                       |
| Coordinate vehicle decontamination.   | TAB J              | 1                       |

**SUPPORTING INFORMATION:**

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**TAB:**

|   |        |
|---|--------|
| Emergency Telephone Instructions  | TAB 1  |
| Emergency Organization  | TAB 2  |
| Logkeeping  | TAB 3  |
| SSES Contamination Plan   | TAB 4  |
| Emergency Facility Form Flow  | TAB 5  |
| Habitability of Accountability Areas, Assembly Areas<br>and Evacuation Routes         | TAB 6  |
| PPL Emergency Personnel Dose Assessment and<br>Protective Action Recommendation Guide | TAB 7  |
| Personnel Accountability  | TAB 8  |
| Preparation for India Team Dispatch   | TAB 9  |
| Emergency Forms   | TAB 10 |
| • Emergency Exposure Extension Request  |        |
| • Potassium Iodide (KI) Tracking Form   |        |
| • Emergency Plan Radiation Work Permit  |        |
| Accident Sample Packaging and Transportation  | TAB 11 |

**REFERENCES:**

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**SSES Emergency Plan**

|                 |  |
|-----------------|--|
| IE Notice 88-15 | Approved Potassium Iodide for use in Emergency Involving<br>Radioactive Iodine         |
| NUREG-0654      | Planning Standards and Evaluation Criteria   |
| NUREG-0731      | Guidelines for Utility Management Structure and Technical<br>Resources, September 1980 |
| HP-TP-801       | General Shipment of Radioactive Material   |

**MAJOR TASK:**

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Monitor in-plant (India) team activities, exposures, and reported survey measurements.

**SPECIFIC TASKS:**

**HOW:**

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- |                         |  |
|-------------------------|--|
| 1. Monitor activities.  | 1a. Listen to radio communications between teams and TSC.                    |
| 2. Monitor exposures.   | 2a. Monitor or track exposures against team exposure limits.                 |
|                         | 2b. Request TSC Radio Communicator to request exposure data from teams.      |
|                         | 2c. Track dose levels of In-Plant Team Members.                              |
| 3. Monitor survey data. | 3a. Monitor survey results reported via radio to the TSC.                    |
|                         | 3b. Request TSC Radio Communicator to request survey data from teams.        |
|                         | 3c. Based on survey data, consider the need to change radiological controls. |