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TO: ~~GERLACH\*ROSE M~~ 06/27/2003

LOCATION: DOCUMENT CONTROL DESK

FROM: NUCLEAR RECORDS DOCUMENT CONTROL CENTER (NUCSA-2)

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

133 - 133 - SEVERE ACCIDENT MANAGEMWNT COORDINATOR 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-133

REMOVE: REV:2

ADD: REV: 3

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# PROCEDURE COVER SHEET

|  |  |   |  |
|--|--|---|--|
| PPL SUSQUEHANNA, LLC   |  | NUCLEAR DEPARTMENT PROCEDURE  |  |
| SEVERE ACCIDENT MANAGEMENT COORDINATOR: Emergency<br>Plan-Position-Specific Instruction  |  |   | EP-PS-133<br>Revision 3<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>Manager-Nuclear Operations</u><br>Responsible FUM: <u>Supv.- Nuclear Emergency Planning</u><br>Responsible Approver: <u>V.P.-Nuclear Operations</u> |  |   |  |

**Severe Accident Management Coordinator:**      Emergency Plan Position Specific Procedure

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**WHEN:**      Technical Support Center (TSC) is activated  
**HOW NOTIFIED:**      Paged, (TNS)  
**REPORT TO:**      Technical Support Center  
**WHERE TO REPORT:**      Operations Coordinator

**OVERALL DUTY:**

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Using the guidelines provided by the damage support procedures (EP-DSs), make recommendations to the Operations Coordinator for mitigation of the effects of a severe accident at Susquehanna Steam Electric Station.

| <b>MAJOR TASKS:</b>  | <b>TAB:</b> | <b>REVISION:</b> |
|--|-------------|------------------|
| Report to the TSC and receive a briefing from the Operations Coordinator on plant conditions.  | TAB A       | 2                |
| For events involving combustible gas in containment, make appropriate recommendations using EP-DS-001.   | TAB B       | 0                |
| For events which may require flooding of the RPV or containment, make appropriate recommendations using EP-DS-002.   | TAB C       | 1                |
| For events in which the RPV level must be determined, make appropriate recommendations using EP-DS-003.  | TAB D       | 1                |
| For events involving the need to vent the RPV or containment, make appropriate recommendations using EP-DS-004.  | TAB E       | 1                |
| If current conditions do not warrant entry into the SAM DS procedures, perform tasks as assigned by the Operations Coordinator.  | TAB F       | 1                |
| Maintain a log of all activities   | TAB G       | 0                |
| For events involving loss of decay heat removal, make appropriate recommendations using EP-DS-005.   | TAB H       | 0                |
| For events involving RPV Flooding where the required minimum or alternate RPV Flooding Pressure cannot be sustained, make appropriate recommendations using EP-DS-006. | TAB I       | 0                |

**SUPPORTING INFORMATION:**

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**TAB:**

|   |       |
|---|-------|
| Emergency Telephone Instructions  | TAB 1 |
| Emergency Organization  | TAB 2 |
| Logkeeping  | TAB 3 |
| Emergency Classifications   | TAB 4 |
| Public Protective Actions   | TAB 5 |
| PPL Emergency Personnel Dose Assessment and<br>Protective Action Recommendation | TAB 6 |

**REFERENCES:**

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SSES Emergency Plan

EP-DS-001, Containment Combustible Gas Control

EP-DS-002, RPV and Containment Flooding

EP-DS-003, RPV Level Determination

EP-DS-004, Primary Containment and RPV Venting

EP-DS-005, Loss of All Decay Heat Removal

EP-DS-006, RPV Flooding to the Main Steam Lines

**MAJOR TASK:**

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Report to the TSC and receive a briefing from the Operations Coordinator on plant conditions.

**SPECIFIC TASKS:**

**HOW:**

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1. Upon notification by NERO pager, report immediately to the TSC.
2. Contact the Operations Coordinator, STA, and other appropriate NERO personnel as necessary to determine current plant status
3. Determine if SAM conditions currently exist.
  - 3a. Review plant conditions and Section 2 of EP-DS-001, "Containment Combustible Gas Control," to determine if this SAM procedure applies. If the conditions have been met, go to TAB B.
  - 3b. Review plant conditions and Section 2 of EP-DS-002, "RPV and Primary Containment Flooding," to determine if this SAM procedure applies. If the conditions have been met, go to TAB C.
  - 3c. Review plant conditions and Section 2 of EP-DS-003, "RPV Level Determination," to determine if this SAM procedure applies. If the conditions have been met, go to TAB D.

**SPECIFIC TASKS:**

**HOW:**

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- |  |   |
|--|---|
| <p>4. If a review of the SAM Damage Support instructions indicates entry into SAM does not apply, go to TAB F.</p> | <p>3d. Review plant conditions and Section 2 of EP-DS-004, "Primary Containment and RPV Venting," to determine if this SAM procedure applies. If the conditions have been met, go to TAB E.</p> <p>3e. Review plant conditions and Section 2 of EP-DS-005, "Loss of All Decay Heat Removal," to determine if this SAM procedure applies. If the conditions have been met, go to TAB H.</p> <p>3f. Review plant conditions and Section 2 of EP-DS-006, "RPV Flooding to the Main Steam Lines," to determine if this SAM procedure applies. If the conditions have been met, go to TAB I.</p> <p>3g. Make a set of SAM print boards available for Control Room use.</p> |
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**MAJOR TASK:**

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For events which may require flooding of the RPV or containment, make appropriate recommendations using EP-DS-002, "RPV and Containment Flooding."

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**SPECIFIC TASKS:**

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**HOW:**

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|---|---|
| <ol style="list-style-type: none"><li>1. Determine appropriate mitigation strategy using the guidelines contained in EP-DS-002.</li><li>2. Review the proposed action with the Operations Coordinator.</li><li>3. Upon reaching consensus on an appropriate strategy with the Operations Coordinator, perform steps in accordance with the procedure.</li><li>4. Continue to monitor and brief Operations Coordinator with recommended actions and results of actions.</li><li>5. Continue to review SAM DS procedures and perform tasks as assigned by the Operations Coordinator.</li></ol> | <ol style="list-style-type: none"><li>3a. Steps requiring Operations activities will be directed through the Operations Coordinator.</li><li>3b. Verify that desired results were achieved after Operations activities are completed.</li><li>3c. Inform Operations Coordinator when support is required.</li></ol> |
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**MAJOR TASK:**

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For events in which the RPV level must be determined, make appropriate recommendations using EP-DS-003, "RPV Level Determination."

**SPECIFIC TASKS:**

**HOW:**

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|---|---|
| <ol style="list-style-type: none"><li>1. Determine the RPV level using the guidelines contained in EP-DS-003.</li><li>2. Review the proposed action with the Operations Coordinator.</li><li>3. Upon reaching consensus on an appropriate strategy with the Operations Coordinator, perform steps in accordance with the procedure.</li><li>4. Continue to monitor and brief Operations Coordinator with recommended actions and results of actions.</li><li>5. Continue to review SAM DS procedures and perform tasks as assigned by the Operations Coordinator.</li></ol> | <ol style="list-style-type: none"><li>3a. Steps requiring Operations activities will be directed through the Operations Coordinator.</li><li>3b. Verify that desired results were achieved after Operations activities are completed.</li><li>3c. Inform Operations Coordinator when support is required.</li></ol> |
|---|---|



**MAJOR TASK:**

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For events involving the need to vent the RPV or containment, make appropriate recommendations using EP-DS-004, "Primary Containment and RPV Venting."

**SPECIFIC TASKS:**

**HOW:**

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1. Determine appropriate mitigation strategy using the guidelines contained in EP-DS-004.
2. Review the proposed action with the Operations Coordinator.
  - 2a. Provide information on the following:
    - (1) status of containment
    - (2) status of plant systems
    - (3) dose projection (RPC)
    - (4) source term (Engineering)
3. Continue to monitor the procedure and brief the Operations Coordinator if conditions change.
4. Continue to review SAM DS procedures and perform tasks as assigned by the Operations Coordinator.

**MAJOR TASK:**

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If current conditions do not warrant entry into the SAM DS procedures, perform tasks to assist the TSC in overall understanding of the event.

**SPECIFIC TASKS:**

**HOW:**

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|---|--|
| 1. Upon arrival at the TSC at an Alert or higher Emergency Classification Level, conditions may not warrant entry into SAM guidance procedures. | 1a. Assist the TSC in an overall understanding of the event.   |
| 2. Assess overall status of Plant Condition and assist TSC organization with understanding of the event.  | <div>2a. Review current plant indications available from the Control Room, PICSY, and discussions with the STA.</div> <div>2b. If the EOF is activated, discuss the assessment with the EOF Technical Advisor.</div> <div>2c. Review current EAL and mitigating actions and assess if they are consistent with your understanding of the cause and progression of the event.</div> <div>2d. Ensure the TSC organization has a clear understanding of the results of your assessment.<ul style="list-style-type: none"><li>• If necessary, provide your assessment to the TSC immediately by contacting the Operations Coordinator and Emergency Director.</li><li>• Provide information to the Operations Coordinator for the next TSC briefing.</li></ul></div> |

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**MAJOR TASK:**

For events involving RPV Flooding where the required minimum or alternate RPV Flooding Pressure cannot be sustained, make appropriate recommendations using EP-DS-006, "RPV Flooding to the Main Steam Lines."

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**SPECIFIC TASKS:**

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**HOW:**

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|----|---|--|
| 1. | Establish adequate core cooling with condensate using the guidelines contained in EP-DS-006.  |  |
| 2. | Review the proposed action with the Operations Coordinator.   |  |
| 3. | Upon reaching consensus on an appropriate strategy with the Operations Coordinator, perform steps in accordance with the procedure. | 3a. Steps requiring Operations activities will be directed through the Operations Coordinator. |
|    |   | 3b. Verify that desired results were achieved after Operations activities are completed.       |
|    |   | 3c. Inform the Operations Coordinator when support is required.                                |
| 4. | Continue to monitor and brief Operations Coordinator with recommended actions and results of actions.                               |  |
| 5. | Continue to review SAM DS procedures and perform tasks as assigned by the Operations Coordinator.                                   |  |