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IMPORTANT TO SAFETY
NON-ENVIRONMENTAL IMPACT RELATED

50-289

THREE MILE ISLAND NUCLEAR STATION
UNIT NO. 1 EMERGENCY PLAN IMPLEMENTING PROCEDURE 1004.18
SEARCH AND RESCUE

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THREE MILE ISLAND NUCLEAR STATION
UNIT NO. 1 EMERGENCY PLAN IMPLEMENTING PROCEDURE 1004.18
SEARCH AND RESCUE

1.0 PURPOSE

To provide guidelines to the Operations Support Center Coordinator and Search and Rescue team leaders in emergency Search and Rescue operations. The Search and Rescue Team Leader is responsible for implementing this procedure, when directed by the Operations Support Center Coordinator.

2.0 ATTACHMENTS

- 2.1 Attachment I - Location of 100 person Emergency Medical Kits
- 2.2 Attachment II - Search and Rescue Team Emergency Actions
- 2.3 Attachment III - Search and Rescue Team Checklist

3.0 EMERGENCY ACTION LEVELS

- 3.1 This procedure shall be implemented:
 - a. When an individual(s) has not exited the protected area, as directed by Security Procedure 1005.12 (Personnel Accountability), and cannot be contacted.
 - b. Individual(s) is unable to exit an area without assistance.
 - c. Upon direction of the Emergency Director/OSC Coordinator.
 - d. Upon the OSC Coordinator assembling Search and Rescue Team(s) and appointing a team leader.

:	<u>NOTE:</u>	Search and Rescue team(s) should consist of at least	:
:		three (3) volunteers. The team(s) should consist of	:
:		personnel from Operations Maintenance and/or Health	:
:		Physics. (All Search and Rescue team members shall	:
:		have had first aid training.)	:

INITIALS

4.0 EMERGENCY ACTIONS

- ___ 4.1 Designate a team member as Communicator.
- ___ 4.2 Direct a team member to be responsible for obtaining first aid equipment from one of the locations in Attachment I.
- ___ 4.3 Direct a team member to obtain any safety equipment that may be required, including portable radio(s).
- ___ 4.4 Ensure that all equipment to be used by the team is functional and perform a radio check(s).
- ___ 4.5 Confer with Radiological Controls Coordinator for possible radiological hazards.
- ___ 4.6 If radiological hazards exist, implement In-Plant Radiological Controls During Emergencies procedure (1004.9).
- ___ 4.7 Complete Attachment II of this procedure.
- ___ 4.8 When the individual(s) is found, relay the following information to the Ops Support Center Coordinator.
 - a. location
 - b. extent of injuries, if applicable
 - c. contamination levels, if applicable
- ___ 4.9 If persons are injured and contaminated implement EPIP 1004.16.
- ___ 4.10 If offsite medical assistance has been requested, standby to provide assistance. Refer to EPIP 1004.16.
- ___ 4.11 After Search and Rescue is complete, debrief the Search and Rescue Teams in accordance with In-Plant Radiological Controls During Emergencies (1004.9) using Attachment I of 1004.9 for debriefing requirements.

- ____ 4.12 After debriefing, collect all logs and records pertaining to the Search and Rescue Operation and have them forwarded to the Ops Support Center Coordinator.

5.0 FINAL CONDITIONS

- ____ 5.1 Missing individual(s) located, removed from any hazardous area, and with First Aid being administered.
- ____ 5.2 Medical and ambulance assistance summoned as necessary and 1004.16 implemented.

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ATTACHMENT I

LOCATION OF 100 PERSON EMERGENCY MEDICAL KITS

1. Building 48
2. Unit 1 Machine Shop
3. Unit 1 Warehouse North
4. Unit 1 Warehouse South
5. Rad Con Lab
6. Control Room - Instrument Shop Hallway
7. River Water Pump House, Unit 1 Entrance

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ATTACHMENT II

SEARCH AND RESCUE TEAM EMERGENCY ACTIONS

The Search and Rescue team leader is responsible for the actions in this attachment.

INITIALS

1. Proceed to designated area with Radiation Survey Meter turned on and using Radiological Controls precautions.
2. Ensure that communications, at predetermined intervals, are maintained with the Operations Support Center.
3. Ensure that the Operations Support Center Coordinator is kept informed of team's location, observations and survey results.
4. If radiological hazards exist, ensure that:
 - (a) The HP team member is continuously monitoring radiation levels and that any changes are reported to the Operations Support Center Coordinator.
 - (b) Team members are checking their dosimeters regularly.
 - (c) Dose limits as specified in 10CFR20 are not exceeded.
 - (d) That stay times as established by the Radiological Controls Coordinator are not exceeded.
 - (e) If applicable, ensure that the Emergency Director has authorized exceeding whole body or thyroid/for emergency life saving or equipment saving activities.

ATTACHMENT II

SEARCH AND RESCUE TEAM EMERGENCY ACTIONS

5. When the individual(s) is located, check the person for:
- ___ (a) Injuries, illness, respiration and pulse.
 - ___ (b) If injured, administer First Aid. (Inform Emergency Director and use EPIP 1004.16).
 - ___ (c) Contamination
- ___ 6. Report the following findings to the Operations Support Center Coord. (via radio or plant paging system)
- (a) location
 - (b) extent of injuries
 - (c) contamination levels
 - (d) first aid administered
- ___ 7. Request assistance from the Operations Support Center Coordinator, for transport of any injured or contaminated individuals.
- ___ 8. Aid the offsite medical personnel as requested.
- ___ 9. Upon completion of Search and Rescue operations, report to the Operations Support Center for debriefing.

ATTACHMENT III

SEARCH AND RESCUE TEAM CHECKLIST

(COMPLETE AS TIME PERMITS)

DATE: _____ TIME: _____

EMERGENCY DIRECTOR: _____

OPERATIONS SUPPORT

CENTER COORDINATOR: _____

1. Team member's name, organization and badge number:
 - a. _____, _____, _____ (Team Leader)
 - b. _____, _____, _____
 - c. _____, _____, _____
 - d. _____, _____, _____
2. Identity of missing person(s): _____

3. Last known location: _____

4. Job or function of missing person(s): _____

5. Search team special instructions: _____

ATTACHMENT III

SEARCH AND RESCUE TEAM CHECKLIST

6. Team equipment:

_____ PC's	_____ First Aid Equipment
_____ Dosimetry	_____ Communications, if applicable
_____ Scott-Paks	_____ (Specify)
_____ Lighting	_____ (Specify)

7. Offsite emergency aid notified/requested:

Organization/ Personnel	Person Notified	Time Notified	Time On Site
a. _____	_____	_____	_____
b. _____	_____	_____	_____
c. _____	_____	_____	_____
d. _____	_____	_____	_____

8. Time Security informed of emergency offsite response: _____

9. Time Search begins: _____

ATTACHMENT III
SEARCH AND RESCUE TEAM CHECKLIST

10. Communications

Checks:

TIME	BY	TIME	BY	TIME	BY

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11. Missing individual found:

- a. Time: _____
- b. Medical condition: _____
- c. Remarks on removal from areas: _____

- d. Location individual discovered _____

ATTACHMENT III

SEARCH AND RESCUE TEAM CHECKLIST

12. Hershey Medical Center notified:

- a. Time: _____
- b. Who contacted: _____
- c. By: _____
- d. Description of injuries/contamination: _____

13. Team debriefing (special comments): _____

14. Team secured:

- a. Time: _____
- b. By: _____