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THREE MILE ISLAND NUCLEAR STATION  
STATION HEALTH PHYSICS PROCEDURE 1670.7  
VOLUME 1 EMERGENCY PLANS AND PROCEDURES 1004  
EMERGENCY ASSEMBLY, ACCOUNTABILITY AND EVACUATION

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Unit 1 Staff Recommends Approval

Approval NA Date       
Cognizant Dept. Head

Unit 2 Staff Recommends Approval

Approval NA Date       
Cognizant Dept. Head

Unit 1 PORC Recommends Approval

W. Kunder Date 2/10/78  
Chairman of PORC

Unit 2 PORC Recommends Approval

J. Hillish Date 2.13.78  
v. Chairman of PORC

Unit 1 Superintendent Approval

J. P. O'Connell Date 2/15/78

Unit 2 Superintendent Approval

J. Deering Date 2/13/78

Manager Generation Quality Assurance Approval

NA Date     

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THREE MILE ISLAND NUCLEAR STATION  
STATION HEALTH PHYSICS PROCEDURE 1670.7

EMERGENCY ASSEMBLY, ACCOUNTABILITY AND EVACUATION

1.0 ASSEMBLY OF PERSONNEL

- 1.1 Upon notification of an emergency or upon hearing the Radiation Emergency Alarm, all nonessential personnel located outside the controlled area of Unit One (1) report to the North Assembly Area. All nonessential personnel located outside the controlled area of Unit Two (2) report to the South Assembly Area.

NOTE: North Assembly Area is the Service Building Auditorium north of the Unit One (1) Service Building. South Assembly Area is the west end of the Unit Two (2) Turbine Building 305' elevation.

- 1.2 Upon notification of an emergency or upon hearing the Radiation Emergency Alarm, all nonessential personnel within the confines of the controlled areas of Unit One (1) and Unit Two (2) report to the Emergency Control Station (ECS) located on the 306' elevation of the Unit One (1) control tower.
- 1.3 Upon hearing the Reactor Building evacuation alarm, all personnel will leave the Reactor Building immediately and assemble at the ECS.
- 1.4 All personnel located in the controlled area will follow the red "Radiation Emergency Route" arrows to the ECS.
- 1.5 All personnel outside the controlled area follow the blue "Evacuation Route" arrows to the north assembly area for Unit One (1) and to the south assembly area of Unit Two (2).

2.0 Accountability of Personnel

- 2.1 A site protection officer will compile a list of all personnel that have mustered at the ECS, North Assembly Area, South Assembly Area and the Control Rooms. Personnel rolls taken of the ECS, Control Room and South Assembly Area, will be forwarded to the site protection officer at the North Assembly Area.
- 2.2 The site protection officer will compile the roll counts from the ECS, Control Room, South Assembly Area and North Assembly Area, into a master list of names and badge numbers of all site personnel. The master list will contain the names and badge numbers of all personnel.
- 2.3 Upon actuation of the Radiation Emergency Alarm, the site protection officer will be dispatched to the North Gate to obtain a list of all personnel who gained entrance to the Island from the North Gate.
- 2.4 The North Gate Guard will be notified to prohibit entrance and exit to and from the Island to all personnel except those authorized by the Radiation Protection Supervisor.
- 2.5 A comparison between the master list, compiled by a site protection officer and the North Gate list will be made by the site protection sergeant (or his alternate). Any discrepancies between the two (2) lists will be noted.
- 2.6 The names and badge numbers of personnel not accounted for will be reported to the Radiation Protection Supervisor.
- 2.7 The Radiation Protection Supervisor will send out search and rescue teams for any personnel not accounted for.



- 2.8 During this time an attempt should be made to contact the missing personnel at home.
- 2.9 The search and rescue team, with appropriate protective clothing and monitoring devices as determined by the Radiation Protection Supervisor, will conduct a systematic search of the station area.
- 2.10 The search should begin at the most probable location as determined by the latest work assignment, and continue until the station has been covered.
- 2.11 The result of the search will be reported by the search team to the Radiation Protection Supervisor at the ECS. If all efforts are unsuccessful, the Supervisor of Radiation Protection and Chemistry will contact the Station/Unit Superintendent to request that the effort be suspended.
- 3.0 SITE EVACUATION
- 3.1 In the event that the site is to be evacuated, all personnel will be directed by the Station/Unit Superintendent to exit the island. Site Security will provide traffic control.
- 3.2 All personnel and vehicles that are or potentially are found to have contamination levels greater than 0.5 mr/hr will be instructed to report to the appropriate washdown area.
- 4.0 EVACUATION OF GENERAL POPULATION FROM THE LOW POPULATION ZONE (LPZ)
- 4.1 If data reported by the Emergency Off-Site Monitoring team exceeds Radiation Protection Guides recommended by the Commonwealth of Pennsylvania, evacuation of the general population will be initiated. These guides are listed in Section 4 of the Three Mile Island Plan.
- 4.2 The Commonwealth of Pennsylvania has the ultimate responsibility

for evacuation, provided the appropriate department within the Commonwealth (Bureau of Radiological Health) can be contacted at the time and the situation permits. If the situation requires immediate protective action for the local population, Met-Ed will recommend to the County Civil Defense, to initiate the evacuation of the affected area.

- 4.3 If the decision is made to evacuate the section of the LPZ in the downwind direction, each resident of the affected area will be notified and instructed to report to specified Civil Defense shelters. It may be necessary for the State Police to erect certain road blocks at roadways.
- 4.4 The U.S. Coast Guard will be responsible for notifying swimmers and small craft in areas adjacent to the site to evacuate. The Coast Guard will be notified by the Civil Defense.