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UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
REGION I  
631 PARK AVENUE  
KING OF PRUSSIA, PENNSYLVANIA 19406

May 8, 1979

MEMORANDUM FOR: James H. Sniezek, Director, Division of Fuel Facility and Materials Safety Inspection, IE:HQ

FROM: James M. Allen, Deputy Director, Region I

SUBJECT: SCHEDULE AND SCOPE OF THREE MILE ISLAND RADIOLOGICAL INVESTIGATION

A schedule for the radiological investigation is attached for your information.

The investigation into the radiological aspects of the incident is being pursued from four points of view: emergency plan implementation, releases of radioactive material, in-plant radiation protection controls, and environmental monitoring and assessment. It appears, from the facts gathered thus far, that examination of the licensee's actions during the period 0400 on March 28 to 0001 on March 31, is appropriate for the scope of the investigation.

During this period, four of the major sections of the Emergency Plan, detection, classification, assessment, and protective actions, were implemented and corrective actions were begun. The effectiveness of the plan and its implementation can be measured by examining actions taken during these three days.

By 0001 on March 31, the releases of radioactive materials from the plant had stabilized and major spikes of airborne releases could, for the most part, be anticipated and in many instances controlled. There was still a constant release of airborne radioactive materials and efforts continue at present to eliminate these releases.

The licensee had begun to reestablish basic control over employee exposures to radiation and radioactive materials by 01 March 31. Initial surveys had been made to define the radiation levels and concentrations of airborne radioactive materials in the plant and access control via normal radiation work permits began to be implemented. The plant at present is continuing to phase into the routine health physics program.

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The environmental monitoring and assessment program was well-established by 0001 on March 31.

Because of the above considerations, unless facts gathered later in the investigation warrant changes, the investigation into the radiological aspects of the incident will examine the licensee's actions from 0400 on March 28 to 0001 on March 31. Licensee actions subsequent to this period will be the subject of a separate Region I Report.

  
James M. Allen  
Deputy Director  
Region I

Attachment:  
Radiological Investigation  
Schedule RI

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RADIOLOGICAL INVESTIGATION SCHEDULE

COMPLETION DATE

MILESTONE

4/12	Determine scope of investigation. Select team members.
4/17	Assemble team in Region I.
4/18	Entrance meeting with GPU management at TMI site.
4/21	Schedule interviews and request records.
5/21	Conduct interviews and on-site investigation.
5/29	Review records and results of interviews.
6/7	Prep re Draft Interim Radiological Chronology.
6/12	Prepare Interim Radiological Chronology.
7/1	Prepare draft investigation report.
8/1	Prepare final investigation report.

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