

SCOPE OF NRC's TMI INVESTIGATION

I. Preaccident background

1. Licensing background

- A. Roles of NRC, the utility, the reactor vendor, the architect engineer, the constructor, state, local, and other Federal agencies.
- B. Issues pertinent to the accident which were addressed during the licensing process (including disposition).

2. Inspection History, I&E Bulletins, enforcement actions.

3. Operating History

Relevant problems, LERs, incidents at TMI-1 and TMI-2, and plants of similar design - including response - or non-response to precursor events.

4. Comparison of TMI-2 with present day licensing requirements (SRPs).

5. Interactions/Interconnections between TMI-1 and TMI-2 equipment, staff, procedures.

6. Status of TMI-2 immediately prior to the March 28, 1979 accident.

License conditions, (LCOs), operating staff, noncompliances, equipment out of service, tests and maintenance being performed, other items of significance.

7. Utility management and Technical Staff Structure, staffing, experience, training.

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II. Physical Description of Accident Sequence (on-site)

A chronology and a sequence of events including equipment availability and utilization, instrumentation availability and utilization, operator actions (actual response vs. pre-existing procedures), utility and NRC actions and interactions in the control room (and command posts), plant habitability.

III. Radioactive Releases and Exposures

1. Offsite Releases

measurement capabilities of concerned organizations
measured releases
population doses

2. Onsite Exposures

measurement capabilities
plant habitability
recorded doses

IV. Emergency Response of Utility

1. Plans in effect prior to 3/28/79
2. Implementation of emergency response plans
3. Notification/coordination/communication with NRC, Federal, State and local agencies/government.
4. Notification/communications with mass media

V. Emergency Response of NRC

1. Agency policy position
2. NRC plans in effect prior to 3/28/79
3. Coordination/communications with utility, Federal, State and local officials
4. Commission's, staff's and ACRS's responses on-site and at headquarters.

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V. (continued)

5. Communications and chain of command within NRC.
6. Interactions with Congress and other Federal agencies.
7. NRC's notification/communications with the mass media

VI. Emergency Response of Federal, State, and Local Agencies

1. Plans in effect prior to 3/28/79.
2. Implementation of plans and actual evacuation.
3. Notification/communication with the mass media

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