FACSIMILE REQUEST

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TMI

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OUTLINE

RADIOLOGICAL INVESTIGATION REPORT

I. Emergency Preparedness

a. Installed Plant Equipment - Describe pre-incident condition of equipment such as area monitors, process monitors, environment monitoring equipment, radwaste systems, communications equipment etc.

b. Portable Health Physics Equipment and Supplies - Describe equipment and supplies available and evaluate their adequacy. Include items such as radiation survey instruments, protective clothing, respirators etc.

c. Emergency Facilities and Equipment - Describe facilities and equipment available such as emergency kits, decontamination facilities, special communications equipment, decisional aids such as maps and isopleths, etc. and evaluate for compliance with regulatory requirements.

d. Training - Describe health physics and emergency training conducted and determine compliance with regulatory requirements.

e. Drills - Describe drills conducted and determine if problems identified during these drills were corrected.

2. Initial Emergency Response

a. Detection - Describe indications of the incident provided by area radiation monitors, process radiation monitors, containment pressure and sump level monitors, and instrumentation monitoring reactor coolant system parameters.

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b. Classification - State when local, site, and general emergency classifications were made and determine if these classifications were timely and appropriate.

c. Organization Activation - State when the emergency organization was activated. Evaluate timeliness of this activation. Compare the organization implemented with the one specified in the Emergency Plan and comment on its effectiveness. List key personnel and team members by job title.

d. Notifications - Describe initial notifications of off-site personnel by the licensee and determine compliance with notification requirements in his emergency plan and procedures. Describe notifications of other off-site agencies and communities and briefly summarize the response of these organizations.

3. Assessment, Corrective and Protective Actions

a. Effluent Monitoring and Corrective Actions - Describe the pathway of radioactive material from the reactor coolant system to the environment. Describe effluent controls such as isolation of the "B" OSTG, closing atmospheric main steam dump valves, and stopping IWST system discharge. Describe process effluent monitoring and sample results. Verify the licensee's assessment of the quantity of radioactivity released, and compare this release with regulatory release limits.

b. In-Plant Health Physics Assessment and Protective Actions - Describe general surveys made by the licensee. Describe surveys for specific entries into the Auxiliary Buildings. Describe protective measures taken such as protective clothing, respirators, pre-planning, mockup training, use of shielding, bioassays, etc.

Include discussion of boron analyses performed on reactor coolant samples. Assess the adequacy of licensee surveys and protective actions based on reasonable application of regulatory requirements and accepted health physics practices. Consider use of survey maps.

c. Environmental Assessment ~~and Protective Actions~~ - Describe measurements made by the Commonwealth of Pa. and the NRC for which results were provided to the licensee. Include meteorological monitoring performed. Evaluate the adequacy of licensee measurements. Evaluate the appropriateness of licensee's assessment of and response to measurement results. Summarize results of off-site surveys and compare with 10 CFR 20.105, 10 CFR 50 Appendix I, 10 CFR 100 siting criteria, and FSAR accident predictions.