

APPENDIX A  
NOTICE OF VIOLATION

Based upon the results of the NRC inspection conducted on June 7-10, 1977, it appears that certain of your activities were not conducted in full compliance with NRC regulations and the conditions of your license as indicated below. These items are Infractions.

- A. Three Mile Island 1 Technical Specifications 6.8.1 and 6.11 require that procedures be followed. Emergency Procedure 1670.12 and Health Physics Procedure 1778 require that quarterly checks and inventories be performed on all emergency equipment and that the Radiation Protection Foreman approve all inspection results.

Contrary to the above, on several occasions during the period August 1976 through May 1977, quarterly inventories of emergency equipment were either not performed or not performed as required.

- B. Technical Specification 6.11 requires that radiation safety procedures be followed for all operations affecting personnel exposure. Health Physics Procedure 1749, Paragraphs 2.0 and 5.1 and table 1740-? require that dosimeters be leak tested semi-annually.

Contrary to the above, dosimeters stocked in the various emergency kits were not tested as required during the period August 1976 through May 1977.

- C. 10 CFR 20.201(b) requires that each licensee make or cause to be made such surveys as may be necessary to comply with the regulatory requirements specified in 10 CFR Part 20.

Contrary to the above, on June 7, 1977 a drum containing radioactive waste was placed into an area which was posted as a radiation area without subsequent surveying of this area to ensure that it was properly posted per 10 CFR 20.203. This drum placement resulted in the creation of a high radiation area which was not posted in accordance with the requirements of 10 CFR 20.203(c), nor barricaded as required by Technical Specification 6.13.1a. Specifically:

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Radiation levels at the trash compacting area boundary exceeded 100 mR/hr yet the area was posted as a radiation area rather than a high radiation area as required by 10 CFR 20.203(c).

- D. Three Mile Island 1 Technical Specification 6.13.1a. requires that entrance into high radiation areas be controlled by issuance of a radiation work permit.

Contrary to the above, on June 7, 1977, a utility worker was permitted entry into a high radiation area in the vicinity of the condensate water storage tank pumps without issuance of a radiation work permit.

- E. Three Mile Island 1 Technical Specification 6.11 requires that procedures for all operations involving personnel radiation exposure be followed. Health Physics Procedure 1613 (Radiation Work Permits), Paragraph 5.2.4.1 requires that the block "Dose Rate Instrument" be checked on all radiation work permits issued for entry into high radiation areas.

Contrary to the above, on June 1, 1977, a radiation work permit was improperly issued in that the "Dose Rate Instrument Block" was not checked on a permit issued for entry into a high radiation area for the purpose of performing maintenance on a condensate water storage tank pump.

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