

NOTICE OF VIOLATION

GPU Nuclear Corporation
Three Mile Island Unit 1

Docket No. 50-289
License No. DPR-50

As a result of the inspection conducted on January 6 - February 17, 1982, and in accordance with the Interim Enforcement Policy, 45 FR 66754 (October 7, 1980), the following violations were identified.

- A. Technical Specifications (TS) 6.13.1 requires, in part, that each High Radiation area (100 mrem/hr or greater) in which the intensity of radiation is 1000 mrem/hr or less shall be barricaded and conspicuously posted as a high radiation area, and entrance thereto shall be controlled by requiring issuance of a Radiation Work Permit. Any individual or group of individuals permitted to enter such areas shall be provided with a radiation monitoring device which continuously indicates the radiation dose rate in the area. Each High Radiation Area in which the intensity of radiation is greater than 1000 mrem/hr shall be subject to the above provisions and in addition locked doors shall be provided to prevent unauthorized entry into such areas and the keys shall be maintained under the administrative control of the Radiation Protection Supervisor/Foreman or the Shift Foreman on duty.

Contrary to these requirements:

1. During the period January 22 through February 3, 1982, a High Radiation Area (greater than 1000 mrem/hr) door in the Reactor Building (RB) at the top of the "D" ring area was not locked such as to prevent unauthorized entry into the area. The door was opened by the inspector without a key by reaching around the other side and turning the doorknob.
2. On January 22, 1982, the key to a High Radiation Area (greater than 1000 mrem/hr) door located in the RB which allows access to the "D" ring was not maintained under the administrative control of the Radiation Protection Supervisor/Foreman or the Shift Foreman on duty. The key was found unattended near the RB personnel hatch and was available for possible use by unauthorized personnel.

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3. On February 1, 1982, a contractor supervisor opened and walked through the High Radiation Area door (described in item A.1) without using appropriate means for access. The individual opened the door without a key by reaching around the other side and turning the doorknob.
4. On February 1, 1982, a contractor supervisor entered the High Radiation Area (described in item A.1) without being provided with a radiation monitoring device which continuously indicates the radiation dose rate in the area.

This is a Severity Level IV Violation (Supplement IV).

- B. Section 8.0 of the TMI-1 Operational Quality Assurance (QA) Plan, Revision 9, dated May 28, 1981, addresses the requirements of 10 CFR 50, Appendix B, Criterion XVI. Section 8.1 of the QA Plan states, in part, that measures shall be established which insure that conditions adverse to quality such as deficiencies and nonconformances be promptly identified and corrected. Section 6 of the QA Plan designates radiation control activities as important to safety, and states that such activities be controlled to an extent consistent with their importance to safety.

Contrary to these requirements, as of February 3, 1982, no prompt corrective action was taken to assure that the High Radiation Area door (described in item A.1) was adequately locked. This item was identified by a NRC inspector and brought to the licensee's attention on January 22, 1982, and again on January 28, 1982. Lack of prompt corrective action permitted an unauthorized entry by an individual on February 1, 1982 (described in item A.3).

This is a Severity Level IV Violation (Supplement IV).

Pursuant to the provisions of 10 CFR 2.201, GPU Nuclear Corporation is hereby required to submit to this office within 30 days of the date of this Notice, a written statement or explanation in reply, including (1) the corrective steps which have been taken and the results achieved; (2) corrective steps which will be taken to avoid further violations; and (3) the date when full compliance will be achieved. Under the authority of Section 182 of the Atomic Energy Act of 1954, as amended, this response shall be submitted under oath or affirmation. Where good cause is shown, consideration will be given to extending your response time.

MAR 17 1982

Dated _____

Original Signed By: *P. Keimig for*

Richard W. Starostecki, Director
Division of Project and Resident
Programs

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