

ENCLOSURE 1

NOTICE OF VIOLATION

Duke Power Company
McGuire 1 and 2

Docket Nos. 50-369 and 50-370
License Nos. NPF-9 and NPF-17

The following violations were identified during an inspection conducted on June 10-14, 1985. The Severity Levels were assigned in accordance with the NRC Enforcement Policy (10 CFR Part 2, Appendix C).

1. 10 CFR 20.101(a) requires that no licensee possess, use, or transfer licensed material in such a manner as to cause any individual in a restricted area to receive in any period of one calendar quarter from radioactive material and other sources of radiation, a total occupational dose in excess of 7.5 Rems to the skin of the whole body.

Contrary to the above, on June 5, 1985, licensed material was used in such a manner as to cause an individual in the Unit 1 Reactor Building, a restricted area, to receive an occupational dose of 10.6 Rems to 1 cm² of the skin of the whole body, resulting in a total occupational dose for the individual for the calendar quarter of 11.18 Rems to the skin of the whole body.

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

2. 10 CFR 20.203(b) requires a licensee to post each radiation area with a conspicuous sign or signs bearing the radiation caution symbol and the words: Caution - Radiation Area. A "radiation area" is defined, in 10 CFR 20.202(b)(2), as any area, accessible to personnel, in which there exists radiation, originating in whole or in part within licensed material, at such levels that a major portion of the body could receive in any one hour a dose in excess of 5 millirem, or in any five consecutive days a dose in excess of 100 millirems.

Contrary to the above, on June 13, 1985, the licensee did not post the radiation area along the south wall of Room 637 on the 716' elevation that had dose rates of 72 millirem per hour at near contact with the interface area of the wall and floor and six millirem per hour at 18 inches and at approximately waist height in the vicinity of the source.

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

Pursuant to 10 CFR 2.201, you are required to submit to this office within 30 days of the date of this Notice, a written statement or explanation in reply, including: (1) admission or denial of the alleged violations; (2) the reasons for the violations if admitted; (3) the corrective steps which have been taken and the results achieved; (4) corrective steps which will be taken to avoid further violations; and (5) the date when full compliance will be achieved.

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Security or safeguards information should be submitted as an enclosure to facilitate withholding it from public disclosure as required by 10 CFR 2.790(d) or 10 CFR 73.21.

Date: AUG 02 1985