

ENCLOSURE 2

NOTICE OF DEVIATION

Duke Power Company
McGuire Nuclear Station

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

The following deviation was identified during an inspection conducted on February 7 - July 3, 1985.

Final Safety Analysis Report, Section 8.3.2, states that battery performance discharge tests will be conducted in accordance with IEEE 450-1972.

IEEE 450-1972 requires that performance discharge tests be conducted at a determined discharge rate until the battery reaches a minimum voltage determined by the number of connected cells and the minimum voltage per cell identified in the vendor manual.

Industry Standard IEEE 450-1972 and the battery vendor manual recommends an equalizing charge be conducted when the specific gravity of any individual cell drops 0.010 or more below the average of all cells, or the individual cell voltage (ICV) of any cell varies by 0.04 volts or more from the average ICV within the battery or any cell ICV is below 2.13 volts.

Contrary to the above:

1. Performance discharge tests conducted in January 1980 on all four vital and Instrument Control Batteries discharged the batteries at only a one-hour rate for one hour.
2. Equalizing charges have not been conducted on the Vital and Instrument Control Batteries in the past two years except as restoration from a service discharge test. Battery EVCA met the reference criteria for requiring an equalizing charge in nearly all months in the past two years.

Please provide, in writing within 30 days of the date of this Notice, a description of corrective actions regarding these deviations, actions taken to avoid further deviations, and the dates when these actions were or will be completed.

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.

AUG 15 1985

Date: _____

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