

ENCLOSURE 1

NOTICE OF VIOLATION

Tennessee Valley Authority
Sequoyah

Docket Nos. 50-327 and 50-328
License Nos. DPR-77 and DPR-79

The following violations were identified during an inspection conducted on August 20-23, 1985. The Severity Levels were assigned in accordance with the NRC Enforcement Policy (10 CFR Part 2, Appendix C).

1. 10 CFR 50, Appendix B, Criterion III requires that measures shall be established to assure that the design basis for those structures and systems important to safety are correctly translated into specifications, drawings, procedures, and instructions. These measures shall include provisions to assure that appropriate quality standards are specified and included in design documents. The design control measures shall provide for verifying or checking the adequacy of design.

Contrary to the above, cable tray support systems for the two diesel generator buildings were not being designed to appropriate quality standards in that the rigidly or close to rigidly designed cable tray support systems failed to consider the effects of the response spectrum zero period acceleration (ZPA) or the ground acceleration in the design analysis.

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

2. 10 CFR 50, Appendix B, Criterion III requires that measures shall be established to assure that the design basis for those structures and systems important to safety are correctly translated into drawings and instructions. These measures shall include provisions to assure that appropriate quality standards are specified and included in design documents. Design requirements for anchor bolt/baseplate interaction specify a baseplate hole size 1/16-inch larger than the nominal anchor bolt size.

Contrary to the above, 16 baseplates for the cable tray support systems in the auxiliary building were improperly installed in that every hole in the baseplates was drilled a 3/8 inch larger than the required hole size. This is due to a design error shown on design drawing 48N1369, Rev. 2, where 1 3/16 inch diameter holes in the baseplate were specified for the 3/4 inch diameter anchor bolts. In this case, the correct hole size in the baseplate should have been 13/16 inch. As a result, the baseplates installed may not be able to serve their intended function as required by the design.

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

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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.

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: OCT 25 1985