

ENCLOSURE 1

NOTICE OF VIOLATION

Tennessee Valley Authority
Sequoyah

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

During the Nuclear Regulatory Commission (NRC) inspection conducted on June 16-20, 1986, a violation of NRC requirements was identified. The violation involved a failure to perform radiation surveys on the top surfaces of radioactive material exclusive use closed transport vehicles. In accordance with the "General Statement of Policy and Procedure for NRC Enforcement Actions," 10 CFR Part 2, Appendix C (1985), the violation is listed below:

10 CFR 71.5(a) requires that each licensee who transports licensed material outside of the confines of its plant or other place of use, or who delivers licensed material to a carrier for transport, shall comply with the applicable requirements of the regulations appropriate to the mode of transport of the Department of Transportation (DOT) in 49 CFR Parts 170 through 189.

49 CFR 173.475(i) requires that before each shipment of any radioactive materials package, the shipper shall ensure by examination or appropriate tests that external radiation levels are within the allowable limits.

49 CFR 173.441(b)(2) requires that the radiation levels on packages transported by exclusive use shipment not exceed 200 millirem per hour at any point on the outer surfaces of the vehicle, including the top and underside of the vehicle.

Contrary to the above, on May 2 and June 5, 1986, the licensee failed to comply with DOT requirements for radioactive material shipments SNP-428 and SNP-430, transferred to the Chem-Nuclear Systems, Inc. low level waste disposal site near Barnwell, S.C. in that, prior to the shipment, no radiation level measurements were performed on the top surfaces of the exclusive use closed transport vehicles.

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

Pursuant to the provisions of 10 CFR 2.201, Tennessee Valley Authority is hereby required to submit to this Office within 30 days of the date of the letter transmitting this Notice a written statement or explanation in reply including: (1) admission or denial of the violation, (2) the reason for the violation if admitted, (3) the corrective steps which have been taken and the results

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achieved, (4) the corrective steps which will be taken to avoid further violations, and (5) the date when full compliance will be achieved. Where good cause is shown, consideration will be given to extending the response time.

FOR THE NUCLEAR REGULATORY COMMISSION

Gary G. Zech, Director
TVA Projects

Dated at Atlanta, Georgia
this 23rd day of July 1986