

ENCLOSURE 1

NOTICE OF VIOLATION

Tennessee Valley Authority
Bellefonte 1 and 2

Docket Nos. 50-438 and 439
License Nos. CPPR-122 and 123

The following violations were identified during an inspection conducted on November 1 - December 6, 1983. 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 XIII and the accepted QA Program (TVA-TR75-1A, Revision 5) Section 17.1.13 require that measures shall be established to control the handling and storage of material and equipment in accordance with work and inspection instructions to prevent damage or deterioration and, when necessary for particular products, that special environments, such as temperature levels, shall be specified and provided.

BNP QCP-1.3, Revision 4, requires the Responsible Engineering Unit to stipulate the environmental conditions required during the installation of solid state equipment after reviewing vendors manuals for the requirements.

Consolidated Control Corporation, for solid state equipment procured under Contract #85550, states that the equipment is rated for a temperature environment of 50 - 104 degree F with a normal temperature of 75 degree F.

Contrary to the above, special temperature environments were not provided in that on November 8, 1983 solid state control cabinets in train A and B instrument rooms were found to be energized with their heat dissipation louvers covered and the metal exterior of the cabinet very hot to the touch and exceeding the 104 degree F maximum temperature.

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

2. 10 CFR 50, Appendix B, Criterion V and the accepted QA Program (TVA-TR75-1A, Revision 5) Section 17.1.5 require that activities affecting quality be prescribed and accomplished in accordance with procedures and drawings and that these procedures and drawings include appropriate quantitative and qualitative acceptance criteria.

ASCO 3- and 4- way solenoid valve catalog No. NP-1 states that the Model No. 206-380 solenoid valve must be mounted with the solenoid vertical and upright.

Contrary to the above, activities affecting quality were not prescribed and accomplished in accordance with procedures and drawings containing appropriate acceptance criteria, in that the ASCO solenoid orientation requirement is not described in any Bellefonte installation and inspection procedure or drawing and, in that the operators on containment isolation

valves INV-IFSV-152 and INV-IFSV-140, were mounted in a position that oriented the Model No. 206-380 solenoid in a horizontal position.

This is a Severity Level IV Violation (Supplement II.D). This violation applies to Unit 1 only.

Pursuant to 10 CFR 2.201, you are required to submit to this office within thirty 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: JAN 4 1984