

ENCLOSURE

BROWNS FERRY NUCLEAR PLANT UNITS 1 AND 2

NONROUTINE 30-DAY REPORT

Description of Occurrence

Certain single failures in the piping system of the control bay air conditioning equipment (CBACE) could result in the loss of cooling water to all control bay cooling equipment.

Causes of Deficiency

The deficiency arises due to the fact that the normal and emergency water supplies to the control bay chillers share a common distribution header. The discharge lines have a similar situation.

Safety Implications

Since the operability of the control bay air conditioning equipment must be assured, system separation will be desirable to increase reliability. This will require a provision for separate operation of the emergency cooling equipment from the normal control bay air conditioning system.

Corrective Measures

Seismically qualified piping and valves will be added to the existing system to obtain the desired separation. This involves connecting the EECW water supply directly to the emergency chiller and providing separate discharge piping from this chiller into the EECW discharge conduit. ECN-L1321 was issued to make these design changes. Corrective measures will be implemented by March 15, 1975.

8308240663 750317
PDR ADOCK 05000259
S PDR

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

January 20, 1975



Mr. Edson G. Case
Acting Director of Licensing
Office of Regulation
U.S. Atomic Energy Commission
Washington, DC 20545

Dear Mr. Case:

TENNESSEE VALLEY AUTHORITY - BROWNS FERRY NUCLEAR PLANT
UNITS 1 AND 2 - DOCKET NOS. 50-259, 50-260 - FACILITY
OPERATING LICENSE DPR-33, DPR-52

The enclosed report, submitted as required by Browns Ferry Nuclear Plant Technical Specification 6.7.2.B(3), is to provide details concerning Browns Ferry's units 1 and 2 control bay air conditioning equipment. It was discovered on December 19, 1974, that the control bay air conditioning equipment could be disabled by a single failure.

Very truly yours,

J. E. Gilleland
Assistant to the Manager of Power

Enclosure

CC (Enclosure):

Mr. Norman C. Moseley, Director
Directorate of Regulatory Operations
U.S. Atomic Energy Commission
Region II - Suite 818
230 Peachtree Street, NW.
Atlanta, Georgia 30303

50-259,260,
inquiry

757

An Equal Opportunity Employer

COPY SENT REGION II