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December 29, 1981

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE PNO-II-81-120

This preliminary notification constitutes EARLY notice of events of POSSIBLE safety or public interest significance. The information is as initially received without verification or evaluation, and is basically all that is known by IE staff on this date.

FACILITY: Tennessee Valley Authority  
Browns Ferry Unit 2  
Docket No. 50-260  
Chattanooga, TN

Licensee Emergency Classification:  
 Notification of Unusual Event  
 Alert  
 Site Area Emergency  
 General Emergency  
 Not Applicable

SUBJECT: INADVERTENT ECCS ACTUATION AND REACTOR TRIP

The Browns Ferry resident inspector informed Region II (Atlanta) that at 9:15 a.m. (CST), Unit 2 experienced an inadvertent actuation of high pressure coolant injection (HPCI) and reactor core isolation cooling (RCIC). This occurred when an apprentice technician, working with a qualified technician, manipulated an incorrect valve on a reactor vessel water level instrument during a planned surveillance test. This action resulted in a simulation of a low reactor water level to portions of the reactor protection systems.

HPCI and RCIC were initiated as was group I isolation which included closure of the main steam isolation valves (MSIV). The MSIV closure produced a reactor trip.

Except for the erroneous actuation, all systems performed properly, and the control operators took appropriate corrective measures to return all systems to normal. The licensee is presently preparing the unit for restart. The resident inspectors are monitoring the licensee's actions.

Media interest is not anticipated. Neither the licensee nor the NRC plans a press release. The State of Alabama has been informed.

Region II (Atlanta) received notification of this occurrence by telephone from the resident inspector at 9:45 a.m. CST on 12-29-81.

Contact: R. Butcher, RII 242-5584

DISTRIBUTION:

H. St. _____	MNBB _____	Phillips <u>2:12</u>	E/W _____	Willste _____	Landow _____
Chairman Palladino	EDO _____	NRR _____	IE _____	NMSS _____	OIA _____
Comm. Gilinsky	AEOD _____			RES _____	
Comm. Bradford	PA _____	Air Rights _____			MAIL: _____
Comm. Ahearne	MPA _____	SP _____		INPO _____	ADM:Doc. Mgt. Br. _____
Comm. Roberts	ELD _____			NSAC _____	
ACRS	Applicable Resident Site <u>2:19</u>				
SECY	Regional Offices _____				
CA	Applicable Utility <u>2:31</u>				
	USDOT/MTB/DMT-122.4 (as applicable)				

DESIGNATED ORIGINAL

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