

PDR address of  
Per. J. Raabje

February 5, 1992

RELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE PNO-II-92-07

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 the Region II staff on this date.

FACILITY: CP&L  
Brunswick Unit 2  
Docket No. 50-324  
Southport, NC

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

Reid 2/24  
@ 4 PM

SUBJECT: SHUTDOWN IN EXCESS OF 72 HOURS

On February 2, 1992, at 5:09 a.m. (EST), Brunswick Unit 2 experienced a reactor scram from 79 percent power during main turbine control valve (CV) testing. Just prior to the event, testing of CV-2 had generated a half scram on Channel B1 due to the expected trip/actuation of CV-2's associated electro hydraulic control (EHC) fluid pressure switch. Upon releasing the CV-2 test push button, the associated CV-1 EHC fluid pressure switch momentarily tripped/actuated, generating a half scram on Channel A1. As the half scram on Channel B1 had not yet been reset, a full reactor scram resulted. All safety systems functioned as required, and the unit presently remains in the hot shutdown condition.

Licensee actions towards determining/correcting the root cause of the scram have been focused on the EHC system. To date, in situ testing of the associated CV-1 EHC fluid pressure switch has been indeterminate. Additionally, EHC fluid in-leakage was discovered in both nitrogen accumulators on the EHC system. Prior to restart, the in-leakage problem on both EHC system nitrogen accumulators will be corrected, EHC fluid pressure switches on all four CVs will be replaced, and the EHC system will be tested to ensure the initiating problem has been corrected.

Other work activities in progress include repairs to the 2A reactor feed pump (which bound up subsequent to the event) and correcting identified feedwater heater related hanger/support deficiencies.

Region II and the resident inspectors have, and will continue to followup on the event and the work activities in progress.

The NRC received initial notification of this event by Telephone call to the Headquarters Duty Officer at 8:38 a.m. (EST), on February 2, 1992.

This information is current as of 12:00 p.m. (EST), on February 5, 1992.

9712170344 920205  
PDR I&E  
PNO-II-92-007 PDR

CONTACT: R. E. Carroll

FTS: 841-5443

01  
1/5/92

