

January 28, 1986

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE PNO-II-86-11

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: Carolina Power & Light Company
H. B. Robinson, Unit 2
Docket No. 50-261
Hartsville, South Carolina

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

SUBJECT: LOSS OF OFFSITE POWER THROUGH STARTUP ELECTRICAL TRANSFORMER

The licensee declared an Unusual Event today when a station blackout occurred following an automatic shutdown at 9:17 a.m. (EST). Initial reports indicate that a voltage spike occurred on an instrument buss while a breaker changeout was being performed on the "B" emergency diesel generator. This apparently caused a turbine runback which resulted in a reactor trip on high pressurizer pressure.

All safety systems functioned as designed. However, the licensee is investigating why power failed to transfer from the auxiliary transformer, which was being supplied by the turbine generator while the plant was on line, to the startup electrical transformer, which brings in offsite electrical power.

The licensee also reports that control room operators received safety injection (SI) signals at 9:18 a.m. (EST), due to loss of power to instrument busses, and at 12:28 p.m. (EST), due to a steam generator power operated relief valve (PORV) sticking open on the "B" steam generator. No water was actually injected into the reactor vessel because pressure remained above the pressure which would allow the high head safety injection pumps to inject water into the core.

When offsite power failed to transfer properly following the automatic shutdown, the "A" emergency diesel generator started up. The "B" emergency diesel, on which maintenance was being performed, was returned to service and started up.

There was no injury to plant employees, no release of radioactive material offsite, and no danger to the health and safety of the public.

The resident inspector was present in the control room during the event, and Region II personnel monitored licensee activities from the regional incident response center. Region II will conduct routine follow-up to monitor the licensee's investigation and corrective actions.

The State of South Carolina has been informed.

The NRC and the licensee are prepared to respond to media inquiries should they occur.

The NRC received initial notification of this event at 10:00 a.m. (EST) on January 28.

This information is current as of 3:00 p.m. (EST) on January 28.

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