

March 21, 1990

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE PNO-11-90-16A

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: Georgia Power Company
Vogtle Unit 1
Docket No. 50-424
Waynesboro, GA

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

SUBJECT: SITE AREA EMERGENCY AT VOGTLE UNIT 1 LOSS OF OFFSITE POWER

At 12:47 p.m. CST, the licensee secured from the Emergency classification after both onsite and offsite power was restored. There has been extensive news media coverage of the event. Region II Regional and Resident Inspectors are onsite reviewing the event. Activities in Unit are concentrated in filling the reactor coolant system.

A preliminary sequence of events has been prepared by the NRC.

NOTE: All times are presented in Central Standard Time (CST).

Initial Conditions:

Unit 2 was at full power with no significant equipment inoperabilities.

Unit 1 was shut down for refueling, in Mode 6. Fuel had been reloaded with approximately 1/3 of the core being new, unirradiated fuel. The reactor had been shut down for approximately 30 days; therefore, decay heat was not significant. The reactor head was in place and torquing was in process. Reactor Coolant Inventory was at Mid-Loop conditions. Shutdown Cooling was in effect. The "B" Reserve Auxiliary Transformer (RAT) was inoperable due to maintenance (oil change). The "B" Diesel Generator was also inoperable due to regularly scheduled maintenance.

TIME ACTIVITY

0820 Lubricant truck in the Unit 1 switchyard hits supporting tower for the 230 KV feeder to the Unit 1 "A" RAT. The insulator fell off of the tower and the "C" Phase connection was broken. This established a fault to ground. Abreaker in the 230 KV switchyard opened, effectively isolating power to the Unit 1 "A" RAT and the Unit 2 "B" RAT.

Turbine trip - Reactor trip on Unit 2 due to a protective relay actuating as a result of the switchyard transient.

0821 Unit 1 Diesel Generator "A" starts and then trips for unknown reason and manually started.

Main Steam Line Isolation manually initiated - Unit 2.

0840 Site Area Emergency declared - Unit 1.

0856 Headquarters Duty Officer notified of the event. Region tied into the notification.

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PDR I&E
PNO-11-90-016A PDC

o/v
ZB34

0915- Classification downgraded to an Alert due to the recovery of Diesel Generator
"1A."

1247 RAT "1B" returned to service. Emergency conditions terminated.

The State of Georgia has been notified.

This information is current as of 10:00 a.m. on 3/21/90.

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DISTRIBUTION:

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OE				

5520: 03/21/90 @ 2:30 p.m. TO REGIONS AND HQ
