

September 28, 1990

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE PNO-II-90-54

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: Farley
Docket No. 50-348
50-364

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

SUBJECT: MINOR RADIOACTIVE GASEOUS RELEASE CAUSING DECLARATION
OF AN UNUSUAL EVENT

The licensee (Farley) declared an Unusual Event (NOUE) at 4:51 a.m. (CDT) on September 28, 1990, based on a radiological gaseous release through the stack vent. The licensee reported that a release of noble gases between the hours of 3:54 a.m. and 5:24 a.m. (CDT) on September 28, 1990 resulted in a radiation dose rate in excess of a licensee technical specification requirement for dose rates at the facility boundary. The licensee estimated the dose rate for the releases normalized over one hour was 0.075 mrem/hr exceeding the TS dose rate limit of 0.057 mrem/hr by 32%.

The actual concentrations released, based on stack sample results were 9.95 E-6 microcuries/ml of noble gas and 8.97-11 microcuries/ml iodine.

The source of the noble gases was attributed to the venting of a CVCS Demineralizer in Unit 1. The radioactive gases migrated into portions of the auxiliary and fuel storage buildings. There were no personnel contaminations or measurable intakes of radioactive material for the workers involved in the event. Activity of the noble gases in the facility are declining.

There have been inquiries to the NRC concerning the release from the Department of Energy and the State of Georgia.

Regional EPA and the States of Alabama and Georgia were notified. Region II will followup.

The NRC received initial notification of this event by ENS from the licensee at 6:15 a.m. (EDT) on September 28, 1990.

This information is current as of 1:00 p.m. on September 28, 1990.

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PDR I&E
PNO-II-90-054 PDC

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