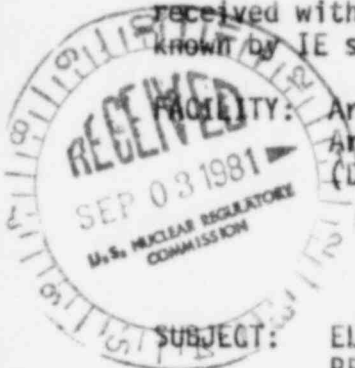


Preliminary Notif.

August 31, 1981

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE -- PNO-IV-81-21A

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.



PROPERTY: Arkansas Power and Light Company
Arkansas Nuclear One, Unit 1
(DN 50-313)

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

SUBJECT: ELECTRICAL FAULT IN MAIN GENERATOR EXCITATION CIRCUIT AND IDENTIFIED PROBLEM WITH UPPER STAGE OF A REACTOR COOLANT PUMP SEAL - UPDATE

On August 21, 1981, NRC Region IV was informed by the Senior Resident Inspector that the main generator output breaker opened due to an electrical fault in the generator excitation circuit that lead to a loss of the main generator output. The licensee completed corrective action and Unit 1 was taken critical on August 30, 1981.

The diesel generator that was found to be inoperable due to an apparent electrical problem in the voltage control system was corrected by replacement of a relay in the speed sensing system.

The licensee replaced three reactor coolant pump seals during the outage. One seal was replaced because the upper stage seal failed. The other two seals had indicated some erratic behavior and were changed as a preventative measure.

The main generator excitation circuits were examined and appropriate parts replaced.

This PN update is issued for information only and is closed. The resident inspectors are following licensee activities on-site in accordance with normal inspection modules.

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