

August 30, 1988

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE -- PNO-IV-88-73

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 IV staff on this date.

FACILITY: Arkansas Nuclear One, Unit 1
Arkansas Power & Light Company
DN: 50-313

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

SUBJECT: HEAT EXHAUSTION/MEDIA INTEREST

With ANO Unit 1 in the early stages of refueling outage No. 8, three cases of personnel heat exhaustion occurred on August 30, 1988, resulting from work activities in the reactor building containment. The heat exhaustion has been attributed to the physical exertion while wearing anticontamination clothing in a high temperature environment. Temperature in the area was approximately 108°F WBGT (wet bulb global temperature). Two contract health physics technicians were transported to St. Mary's hospital in Russellville, Arkansas, for treatment and observation. A mechanic was treated onsite and returned to a limited work status. No contamination was released offsite. The licensee has stopped work in the containment and a temperature profile was developed by the licensee. Restrictions have been placed on future work activities in upper locations of the containment to prevent recurrence of the heat exhaustion. This notification is being issued because of media interest.

The Senior Resident Inspector is monitoring licensee action.

The licensee has responded to news media inquiries.

Neither the licensee nor the NRC plans to issue a press release.

The state of Arkansas has been informed.

Region IV received notification of this occurrence by the Senior Resident Inspector at 1:00 p.m. (CDT) August 30, 1988. Region IV has informed the EDO.

This information has been confirmed with a licensee representative.

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