

August 23, 1984

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE PNO-II-84-54A

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: Duke Power Company
McGuire Units 1 and 2
Docket Nos. 50-369 and 50-370
Cornelius, North Carolina

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

SUBJECT: PARTIAL LOSS OF OFF-SITE POWER--UPDATE

McGuire Unit 1, which tripped from 100 percent power on August 21 because of the partial loss of off-site power, was restarted earlier today after Duke Power Company completed a post-trip review and inspection. No further water hammer damage was found other than that already identified in the instrumentation associated with the condensate booster and main feedwater pumps. Unit 1 is now at 15 percent power.

McGuire Unit 2, where restart preparations were interrupted by the Unit 1 incident, was returned to service last night. It is now at 35 percent and increasing in power.

The Unit 1 reactor trip was caused by the inadvertent opening of switchyard computer-operated breakers, which caused the unit main generator to lose its load. The opening of these breakers also disrupted the flow of station-generated power to the plant, causing a loss of 230-KV off-site power to Unit 1. A separate source of 525-KV off-site power was available and could have been transferred to Unit 1. Duke elected to rely on the diesel generators for Unit 1, which functioned as designed.

The State of North Carolina has been informed.

This information is current as of 2 p.m. (EDT) today.

Contact: A. J. Ignatonis, RII 242-5563

V. I. Brownlee, RII 242-5583

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