

Date: April 29, 2003

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE PNO-I-03-013

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 I staff on this date.

Facility

Entergy Nuclear Operations, Inc.
Indian Point Nuclear Generating Station Unit 2

Licensee Emergency Classification

Notification of Unusual Event
 Alert
 Site Area Emergency
 General Emergency
 Not Applicable

Docket No.: 50-247

License No.: DPR-26

SUBJECT: Reactor Trip from 100% Power Due to a Turbine Trip

On April 28, 2003, at 4:45 p.m. (EDT) a reactor trip occurred due to a main turbine-generator trip. The turbine-generator tripped due a loss of electrical load. The loss of electrical load occurred due to instabilities on the offsite electrical grid. The fast transfer of offsite power from the unit auxiliary transformer to the station auxiliary transformer was prevented by design, this resulted in a loss of the four reactor coolant pumps (RCPs). All three emergency diesel generators (EDGs) started, and the 22 EDG was manually loaded. (This is a correction to Event Report No. 39804 which stated that the three EDGs had auto started and loaded.) As a result of the tripped RCPs, the reactor was in natural circulation from 4:45 p.m. until 6:23 p.m. when one RCP was returned to service. Electrical power was restored to all service busses at 7:04 p.m., and the EDGs were secured.

Auxiliary feedwater started automatically, by design, due to low steam generator level. All control rods inserted fully when the reactor tripped. One pressurizer power operated relief valve lifted and reseated. There was no emergency core cooling system actuation. The plant is currently in Mode 3. The licensee is investigating the cause of the instabilities in the electrical grid which caused the load rejection.

Region I received notification of the trip by telephone from the Headquarters Operations Officer on April 28, 2003. The resident inspectors were at the site and monitored the licensee's actions in response to this event. The licensee also notified the New York State Public Service Commission.

This information has been discussed with the licensee and is current as of 11:00 a.m. (EDT) on April 29, 2003.

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