

July 14, 1997

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE PNO-II-97-037

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 Region II staff in Atlanta, Georgia on this date.

<u>Facility</u>	<u>Licensee Emergency Classification</u>
Duke Power Co.	Notification of Unusual Event
Mc Guire 2	Alert
Cornelius, North Carolina	Site Area Emergency
Dockets: 50-370	General Emergency
	X Not Applicable

Subject: SHUTDOWN IN EXCESS OF 72 HRS FOR FAILED REACTOR COOLANT PUMP MOTOR STATOR

On July 11, 1997, at 5:16 a.m., with Unit 2 operating at 100 percent power, an automatic reactor trip occurred on low reactor coolant flow following a trip of the 2D reactor coolant pump (RCP). The unit trip was uncomplicated and all safety systems responded as expected. The licensee has determined that an electrical fault had been sensed and reactor coolant pump protection relays and breakers actuated as expected. The licensee's preliminary investigation indicates that a fault in the motor stator is the apparent cause. A new stator from the Catawba facility will be installed in the 2D motor. The forced outage occurred about two months before the Unit 2 refueling and steam generator replacement outage currently scheduled for September 1997.

The unit is currently in Mode 5 (cold shutdown) to facilitate replacement of the RCP stator. Unit 1 was not affected by the event.

The NRC resident inspectors will continue to followup on the Unit 2 shutdown and associated recovery activities.

The State of North Carolina has been notified. There has been no media interest in the shutdown.

This information is current as of 11:00 a.m., on July 14, 1997.

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