October 3, 1989

Docket Nos. 50-369, 50-370 License Nos. NPF-9, NPF-17

Duke Power Company
ATTN: Mr. H. B. Tucker, Vice President
Nuclear Production Department
422 South Church Street
Charlotte, North Carolina 28242

Gentlemen:

SUBJECT: MCCUIRE AUGMENTED INSPECTION TEAM (AIT) REPORT (50-369/89-31 AND 50-370/89-31)

This refers to the special, onsite inspection conducted by the NRC Augmented Inspection Team (AIT) during the period September 7-11, 1989. The inspection included a review of the events related to the overpressurization of the Unit 2 Containment Spray System and subsequent recovery. At the conclusion of the inspection, the findings were discussed with those members of your staff identified in the enclosed inspection report.

NRC considers this event to be a precursor of an ISLOCA. The AIT concluded that the overpressurization event was caused by a deficient test procedure and an operator error. The test procedure did not specify plant conditions limitations or warn the operators of the potential for overpressurization. The operators have not received specific training in the potential hazards of Inter System LOCAs and failed to recognize the potential consequences of their actions.

The enclosed copy of the AIT report identifies the areas examined during this inspection. Within these areas, the inspection consisted of selective examinations of procedures and representative records, interviews with personnel, and observation of activities in progress.

In accordance with Section 2.790 of the NRC's "Rules of Practice," Part 2, Title 10, Code of Federal Regulations, a copy of this letter and its enclosure will be placed in the NRC Public Document Room.

We appreciate the cooperation extended to our team inspection and subsequent evaluation of this event. Should you have any questions concerning this letter, please contact us.

Sincerely,
Original Signed by
Stewart D. Ebneter

Stewart D. Ebneter Regional Administrator

Enclosure: (See page 2)

8910200027 891003 PDR ADOCK 05000369 PDC



Enclosure: AIT Report

cc w/encl: T. L. McConnell Station Manager McGuire Nuclear Station P. O. Box 488 Cornelius, NC 28031

J. S. Warren Nuclear Production Department Duke Power Company P. O. Box 33189 Charlotte, NC 28242

A. V. Carr, Esq. Duke Power Company 422 South Church Street Charlotte, NC 28242

J. Michael McGarry, III, Esq. Bishop, Cook, Purcell and Reynolds 1400 L Street, NW Washington, D. C. 20005

Dayne H. Brown, Chief Radiation Protection Branch Division of Facility Services N. C. Department of Human Resources 701 Barbour Drive Raleigh, NC 27603-2008

County Manager of Mecklenburg County 720 East Fourth Street Charlotte, NC 28202

S. S. Kilborn, Area Manager Mid-South Area, ESSD Project Westinghouse Electric Corporation MNC West Tower - Bay 239 P. O. Box 355 Pittsburgh, PA 15230

Dr. John M. Barry Department of Environmental Health Mecklenburg County 1200 Blythe Boulevard Charlotte, NC 28203

(cc cont'd - see page 3)

cc w/encl: (Cont'd)

Karen E. Long Assistant Attorney General N. C. Department of Justice P. O. Box 629 Raleigh, NC 27602

State of North Carolina

bcc w/encl: D. Hood, NRR Document Control Desk

NRC Resident Inspector U.S. Nuclear Regulatory Commission Route 4, Box 529 Huntersville, NC 28078

S. Ebneter K. Perkins L. Reyes C. Julian

CAJulian 09/28/89 Cor OP/10/89

RII: DRS/ LAReyes 09/12/89 AFGibson 09/20/89