

FEB 07 1991

*official
file*

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

Duke Power Company
ATTN: Mr. M. S. Tuckman, Vice President
Nuclear Operations
P. O. Box 1007
Charlotte, NC 28201-1007

Gentlemen:

SUBJECT: MEETING SUMMARY MCGUIRE NUCLEAR STATION - DOCKET NOS. 50-369
AND 50-370

This letter refers to the meeting conducted at the NRC Region II office in Atlanta on February 4, 1991. The purpose of the meeting was for your staff to provide to the NRC a self-assessment of McGuire's performance from November 1, 1989, through February 2, 1991. Enclosed is a list of the meeting attendees and a copy of Duke's presentation.

It is our opinion that this meeting was beneficial and provided the NRC staff with a clear understanding of your perceived performance for this assessment period.

Should you have any questions concerning this letter, please let us know.

Sincerely,

(S)

Stewart D. Ebnetter
Regional Administrator

Enclosures:

1. List of Attendees
2. Presentation Summary

cc w/encls:

T. L. McConnell
Station Manager
McGuire Nuclear Station
12700 Hagers Ferry Road
Cornelius, NC 28078-8985

Paul Guill
Duke Power Company
Nuclear Production Department
P. O. Box 1007
Charlotte, NC 28242

(cc w/encls cont'd - see page 2)

9103120134 910207
PDR ADOCK 05000369
P PDR

*11
TC01*

FEB 07 1991

cc w/encls: (Continued)
R. L. Gill
Nuclear Production Department
Duke Power Company
P. O. Box 1007
Charlotte, NC 28201-1007

A. V. Carr, Esq.
Duke Power Company
422 South Church Street
Charlotte, NC 28242-0001

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

Dayne H. Brown, Director
Division of Radiation Protection
N. C. Department of Environment,
Health & Natural Resources
P. O. Box 27687
Raleigh, NC 27611-7687

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

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

H. B. Tucker
Senior Vice President-Nuclear
Duke Power Company
P. O. Box 1007
Charlotte, NC 28201-1007

bcc w/encls: (See page 3)

FEB 07 1991

bcc w/encls:

T. Reed, NRR

W. Miller, RII

A. G. Belisle, RII

A. R. Herdt, RII

Document Control Desk

S. Ninh, RII

NRC Resident Inspector

U.S. Nuclear Regulatory Commission

12700 Hagers Ferry Rd.

Huntersville, NC 28078-8985

RII:DRP

SNinh
2/6/91

RII:DRP

ABelisle
2/6/91

RII:DRP

AHerdt
2/4/91

RII:DRSS

JStohr
2/ /91

RII:GRS

AGibson
2/ /91

RII:DRP

LReyes
2/6/91

RII:ORA

JNThoan
2/ /91

ENCLOSURE 1

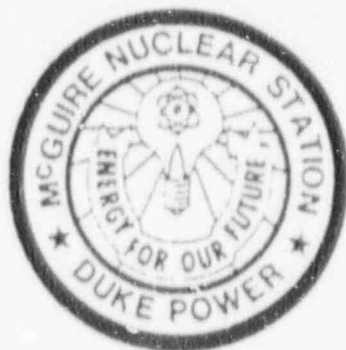
LIST OF ATTENDEES

U.S. Nuclear Regulatory Commission

S. D. Ebnetter, Regional Administrator, Region II
L. A. Reyes, Director, Division of Reactor Projects (DRP)
A. Gibson, Director, Division of Reactor Safety (DRS)
E. Erschoff, Deputy Director, DRP
J. P. Mohr, Director, Division of Radiation Safety and Safeguards (DRSS)
D. B. Matthews, Director, Project Directorate II-3, (PDII-3), NRR
A. R. Herdt, Chief, Reactor Projects Branch 3, DRP
D. M. Collins, Chief, Radiological Protection and Emergency Preparedness Branch, DRSS
G. A. Belisle, Chief, Reactor Projects Section 3A, DRP
F. Jape, Chief, Engineering Assessment Section, DRS
P. K. VanDoorn, Senior Resident Inspector, McGuire
T. A. Reed, Project Manager, PDII-3, NRR
W. E. Scott, Lead Evaluator, NRR
W. H. Miller, Project Engineer, DRP
S. Q. Ninh, Project Engineer, DRP
D. H. Thompson, Security Inspector, DRSS

Duke Power Company

T. L. McConnell, Station Manager, McGuire Nuclear Station (MNS)
W. M. Sample, Maintenance Superintendent, MNS
R. B. Travis, Operations Superintendent, MNS
B. G. Addis, Station Services Superintendent, MNS
G. D. Gilbert, Technical Services Superintendent, MNS
R. O. Sharpe, Compliance Manager, MNS
D. W. Murdock, Manager, McGuire Design Engineering Division
J. W. Willis, Quality Assurance Director, MNS



McGUIRE NUCLEAR STATION

SELF-ASSESSMENT PRESENTATION

February 4, 1991

McGUIRE NUCLEAR STATION SELF-ASSESSMENT MEETING PERFORMANCE OVERVIEW

Generation / Capacity Factor
Below Expectations

- ◆ Due Primarily to Turbine Problems
- ◆ Record 330 Day Run for Unit 2

Significant Events Greatly Reduced

Regulatory Area

- ◆ Excellent Communications with NRC
- ◆ No AIT's;
One Enforcement Conference;
No Civil Penalties
- ◆ Demonstrated Safety Conscientiousness

AREAS FOR IMPROVEMENT

- ☐ **Supervisory Effectiveness**
- ☐ **Procedure Compliance**
- ☐ **Material Condition**

PLANT OPERATIONS

- Development of Plant Staff
- Operator Training
Improvement
- Procedural Improvements
- Human Performance
- Safety System
Availability Improvements

FIRE PROTECTION

- Programmatic Responsibility
Assigned to Safety
and Health Services
- Fire Protection System
Expert Assigned
- Fire Brigade Expansion
- "Tech Spec" Fire Door Control

RADIOLOGICAL CONTROLS

Dose Reduction

- ☐ Results
- ☐ Ownership by Everyone
- ☐ Shielding
- ☐ Radiation Source Reduction

Contamination Control

Effluent Control

Radwaste Management






MAINTENANCE / SURVEILLANCE

- **Maintenance Performance
Summary**
- **Strong Predictive
Maintenance Programs**
- **Qualifications of Personnel**
- **Program Successes**

EMERGENCY PLANNING

- ☐ **Many Program Enhancements**
- ☐ **Facilities Enhancements**
- ☐ **Exercises, Drills**
- ☐ **Emergency Planning Initiatives**

SECURITY

-  Access Control
-  Security Equipment
-  Security Force
-  Management Involvement
-  Security Initiatives

ENGINEERING / TECHNICAL SUPPORT

- ❑ Off-site Engineering
- ❑ On-site Engineering
- ❑ Success Stories

SAFETY ASSURANCE / QUALITY VERIFICATION

- ☐ **QA Site Verification
Surveillance Activities**
- ☐ **SITA**
- ☐ **Integrated Safety
Assessment Program**
- ☐ **HPES**
- ☐ **MSRG In-Plant Reviews**
- ☐ **Special Surveillance**
- ☐ **Strong QA Staffing Commitment
and Training**

SAFETY ASSURANCE / QUALITY VERIFICATION

- ☐ **Licensee Event Reports**
- ☐ **Timeliness of Action**
- ☐ **Quality of Submittals**
- ☐ **Communications with NRC**

S U M M A R Y

- ❑ Safety and Regulatory
Performance Improving
- ❑ Production Performance
Needs Improving
- ❑ Trained / Experienced
Staff
- ❑ Aggressive DBD
- ❑ Human Performance
- ❑ Changing Our Culture