

NOV 12 1993

Docket Nos. 50-269, 50-270, 50-287
License Nos. DPR-38, DPR-47, DPR-55

Duke Power Company
ATTN: Mr. J. W. Hampton
Vice President
Oconee
P. O. Box 1439
Seneca, SC 29679

Gentlemen:

SUBJECT: MANAGEMENT MEETING SUMMARY - OCONEE UNITS 1, 2 AND 3

This letter refers to the Management Meeting held at our request on November 8, 1993, in the NRC Region II Office. Items discussed included the licensee's assessment of the maintenance program at Oconee.

The presentation provided the NRC staff with an understanding of the Oconee maintenance program and the program enhancements being implemented. Enclosed is a list of the meeting attendees, a meeting summary, and a copy of your presentation.

In accordance with 10 CFR 2.790 of the NRC's "Rules of Practice", a copy of this letter and its enclosures will be placed in the NRC Public Document Room.

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

Sincerely,

130112

Orig signed by Ellis Merschoff

Ellis W. Merschoff, Director
Division of Reactor Projects

Enclosures:

1. List of Attendees
2. Meeting Summary
3. Duke's Presentation

cc w/encls:

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cc w/encls: Continued see page 2

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Document Control Desk

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ENCLOSURE 1

LIST OF ATTENDEES

U.S. Nuclear Regulatory Commission

S. D. Ebnetter, Regional Administrator, Region II (RII)
J. R. Johnson, Deputy Director, Division of Reactor Projects (DRP), RII
J. P. Jaudon, Deputy Director, Division of Reactor Safety (DRS), RII
A. R. Herdt, Chief, Reactor Projects Branch 3, DRP, RII
M. S. Lesser, Chief, Reactor Projects Section 3A, DRP, RII
L. A. Wiens, Project Manager, Project Directorate II-3, Office of Nuclear
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P. E. Harmon, Senior Resident Inspector, Oconee, DRP, RII
W. H. Miller, Project Engineer, DRP, RII

Duke Power Company

J. W. Hampton, Vice President, Oconee Nuclear Site (ONS)
H. B. Barron, Station Manager, ONS
B. L. Peele, Engineering Manager, ONS
J. M. Davis, Safety Assurance Manager, ONS
D. L. Hubbard, Component Engineering Manager, ONS
W. W. Foster, Mechanical Maintenance Superintendent, ONS
C. A. Little, Instrumentation and Electrical Superintendent, ONS
R. H. Lynn, Commodities and Facilities Manager, ONS
M. E. Patrick, Regulatory Compliance, ONS

ENCLOSURE 2

MANAGEMENT MEETING SUMMARY

On November 8, 1993, representatives from Duke Power Company (DPC) met with the NRC in the Region II Office in Atlanta, Georgia to discuss the maintenance program at Oconee.

Opening remarks were given by Mr. S. D. Ebnetter, Regional Administrator, Region II (RII) and Mr. J. R. Johnson, Deputy Director, Division of Reactor Projects, RII, discussing the purpose of the meeting. Mr. H. B. Barron, Oconee Station Manager, gave the presentation which included a discussion of human performance - work practices, post maintenance testing, control of replacement parts, and the preventative maintenance program upgrades being implemented at Keowee to address areas of performance weakness. Enclosure 3 is a copy of DPC's presentation.

NRC closed the meeting by thanking DPC for the presentation which enhanced the NRC's understanding of DPC's maintenance program at Oconee.

Oconee Maintenance Assessment

Human Performance - Work Practices

Post Maintenance Testing

Control of Replacement Parts

Keowee Preventative Maintenance Program Upgrade

Human Performance - Work Practices

Results have not been meeting expectations

Increased emphasis placed on work practice expectations -
first quarter 1992

Issued "Work Practices Handbook for Oconee Nuclear Site" -
January, 1993; revised September, 1993

Formed "Work Practice Quality Improvement Teams" -
April, 1993

Conclusions: the tools for quality improvement have been
provided, increased emphasis is needed in accountability for
meeting them.

Post Maintenance Testing

Nuclear System and Station Directives Specify:

- Function Verification - Qualitative check

- Retest - Quantitative check

- Post Maintenance Test Plan for each work activity

- Matrix specifying PMT requirements by equipment

PMT Assessment Team formed in August, 1993

Identified a lack of clear understanding of accountabilities

by: Planners, Supervisors and Techs, and Engineers

Retraining of personnel initiated in November, 1993

INPO Assist Visit planned for December, 1993

Control of Replacement Parts

Parts Identification Methods:

Procedures

Oconee Parts Catalog

Duke Drawings or Approved Vendor Manuals

Like-for-Like

All Discrepancies Require Engineering Resolution

Field Verification - Assuring Fit, Form and Function

Post Maintenance Testing

Currently identified weaknesses: adequacy of the Parts Catalog, lack of clear communication of expectations

Keowee Preventative Maintenance Program Upgrade

Program Scope

- Review each current PM activity for adequacy**
- Assign equipment numbers and enter all items in the Oconee equipment data base**
- Incorporate Instrument Setpoints into ONS Setpoint Document**
- Verify adequacy of replacement parts availability**
- Implement Predictive Maintenance Program**
- Identify additional components with safety function and define PM scope as required.**

Present status: 60 of 200 current PM activities have been fully reviewed and entered in the Oconee PM Program