

MEMORANDUM FOR: David B. Matthews, Director  
Project Directorate II-3  
Division of Reactor Projects - I/II

FROM: Robert E. Martin, Senior Project Manager  
Project Directorate II-3  
Division of Reactor Projects - I/II

SUBJECT: FORTHCOMING MEETING WITH DUKE POWER COMPANY ON RESIDUAL HEAT  
REMOVAL SYSTEM - CATAWBA NUCLEAR STATION, UNITS 1 AND 2

DATE & TIME: Wednesday, May 18, 1994  
10 a.m. - 12 p.m.

LOCATION: One White Flint North  
11555 Rockville Pike, Room 16-B-11  
Rockville, Maryland

PURPOSE: Duke will make a presentation on the actions and the lessons  
learned associated with the removal of one of the two  
residual heat removal pumps from service during reduced  
inventory conditions. An agenda is enclosed.

PARTICIPANTS\*:

NRC	DPC
M. Virgilio, NRR	D. L. Rehn (Site VP)
W. Jones, AEOD	W. R. McCollum (Site Mgr)
G. Lainas, NRR	J. S. Forbes
D. Matthews, NRR	M. E. Patrick
L. Wiens, NRR	Z. L. Taylor

/s/

9405100287 940506  
PDR ADOCK 05000413  
P PDR

Robert E. Martin, Senior Project Manager  
Project Directorate II-3  
Division of Reactor Projects - I/II

Enclosure:  
Agenda

cc w/enclosure:  
See next page

CONTACT: R. Martin, NRR  
504-1493

\*Meetings between NRC technical staff and applicants or licensees are open for interested members of the public, petitioners, intervenors, or other parties to attend as observers pursuant to "Open Meeting Statement of NRC Staff Policy," 43 Federal Register 28058, 6/28/78.

OFF	LA:PD23:DRPE	PM:PD23:DRPE	D:PD23:DRPE	
NAME	LBerry	RMartin:dt	DMatthews	
DATE	5/5/94	5/6/94	5/6/94	

OFFICIAL RECORD COPY

Document Name: G:\CATAWBA\MEETING2.NOT



UNITED STATES  
NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555-0001

Docket Nos. 50-413  
and 50-414

MEMORANDUM FOR: David B. Matthews, Director  
Project Directorate II-3  
Division of Reactor Projects - I/II

FROM: Robert E. Martin, Senior Project Manager  
Project Directorate II-3  
Division of Reactor Projects - I/II

SUBJECT: FORTHCOMING MEETING WITH DUKE POWER COMPANY ON RESIDUAL HEAT  
REMOVAL SYSTEM - CATAWBA NUCLEAR STATION, UNITS 1 AND 2

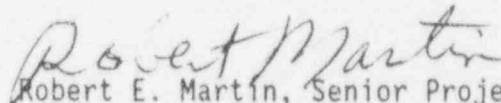
DATE & TIME: Wednesday, May 18, 1994  
10 a.m. - 12 p.m.

LOCATION: One White Flint North  
11555 Rockville Pike, Room 16-B-11  
Rockville, Maryland

PURPOSE: Duke will make a presentation on the actions and the lessons  
learned associated with the removal of one of the two  
residual heat removal pumps from service during reduced  
inventory conditions. An agenda is enclosed.

PARTICIPANTS\*:

<u>NRC</u>	<u>DPC</u>
M. Virgilio, NRR	D. L. Rehn (Site VP)
W. Jones, AEOD	W. R. McCollum (Site Mgr)
G. Lainas, NRR	J. S. Forbes
D. Matthews, NRR	M. E. Patrick
L. Wiens, NRR	Z. L. Taylor

  
Robert E. Martin, Senior Project Manager  
Project Directorate II-3  
Division of Reactor Projects - I/II

Enclosure:  
Agenda

cc w/enclosure:  
See next page

CONTACT: R. Martin, NRR  
504-1493

\*Meetings between NRC technical staff and applicants or licensees are open for interested members of the public, petitioners, intervenors, or other parties to attend as observers pursuant to "Open Meeting Statement of NRC Staff Policy," 43 Federal Register 28058, 6/28/78.

Mr. David L. Rehn  
Duke Power Company

Catawba Nuclear Station

cc:

Mr. Z. L. Taylor  
Regulatory Compliance Manager  
Duke Power Company  
4800 Concord Road  
York, South Carolina 29745

Mr. Marvin Sinkule, Chief  
Project Branch #3  
U. S. Nuclear Regulatory Commission  
101 Marietta Street, NW. Suite 2900  
Atlanta, Georgia 30323

A. V. Carr, Esquire  
Duke Power Company  
422 South Church Street  
Charlotte, North Carolina 28242-0001

North Carolina Electric Membership  
Corporation  
P. O. Box 27306  
Raleigh, North Carolina 27611

J. Michael McGarry, III, Esquire  
Winston and Strawn  
1400 L Street, NW  
Washington, DC 20005

Senior Resident Inspector  
Route 2, Box 179 N  
York, South Carolina 29745

North Carolina Municipal Power  
Agency Number 1  
1427 Meadowood Boulevard  
P. O. Box 29513  
Raleigh, North Carolina 27626-0513

Regional Administrator, Region II  
U. S. Nuclear Regulatory Commission  
101 Marietta Street, NW. Suite 2900  
Atlanta, Georgia 30323

Mr. T. Richard Puryear  
Nuclear Technical Services Manager  
Westinghouse Electric Corporation  
Carolinas District  
2709 Water Ridge Parkway, Suite 430  
Charlotte, North Carolina 28217

Max Batavia, Chief  
Bureau of Radiological Health  
South Carolina Department of  
Health and Environmental Control  
2600 Bull Street  
Columbia, South Carolina 29201

County Manager of York County  
York County Courthouse  
York, South Carolina 29745

Mr. G. A. Copp  
Licensing - EC050  
Duke Power Company  
P. O. Box 1006  
Charlotte, North Carolina 28201-1006

Richard P. Wilson, Esquire  
Assistant Attorney General  
South Carolina Attorney General's  
Office  
P. O. Box 11549  
Columbia, South Carolina 29211

Saluda River Electric  
P. O. Box 929  
Laurens, South Carolina 29360

Piedmont Municipal Power Agency  
121 Village Drive  
Greer, South Carolina 29651

Ms. Karen E. Long  
Assistant Attorney General  
North Carolina Department of Justice  
P. O. Box 629  
Raleigh, North Carolina 27602

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

Elaine Wathen, Lead REP Planner  
Division of Emergency Management  
116 West Jones Street  
Raleigh, North Carolina 27603-1335

**DUKE POWER COMPANY****CATAWBA NUCLEAR STATION****RESIDUAL HEAT REMOVAL PUMP VIBRATION****MAY 18 1993****I. INTRODUCTION**

- Brief overview of main points to be covered in presentation
- Brief chronology of activities associated with the RHR Pump removal from service during reduced inventory conditions.

**II. DETAILED DISCUSSION**

- Pump evaluation process prior to declaring inoperable
- Decision process for delay of ND Pump 1A repair when vibration level was in the alert range following replacement
- Engineering and management's consideration of plant conditions when evaluating degraded components/systems
- Management involvement in the determination of pump reliability prior to entering reduced inventory conditions

**III. LESSONS LEARNED**

- Discussion of areas where weakness were identified
- Station sensitivity to shutdown risk management

**IV. SUMMARY**

- Summary of key points

Docket File

NRC & Local PDRs

PDII-3 Reading

W. Russell/F. Miraglia	12G18
L. Reyes	12G18
S. Varga	14E1
G. Lainas	14H1
D. Matthews	14H25
R. Martin	14H25
L. Berry	14H25
A. Chaffee, EAB	11A1
OGC-WF	15B18
E. Jordan	MNBB-3701
B. Grimes	11E4
E. Rossi	9A2
Receptionist, OWFN	
ACRS (10)	P-315
OPA	2G5
NRR Mailroom, PMAS	12G18
G. Zech	10A19
L. Plisco	17G21
K. Clark, PAO	R11
J. Johnson	R11
M. Virgilio	8E2
W. Jones	MNBB9715
L. Wiens	14H25

090040

DF01  
111