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FACIL: 50-400 Shearon Harris Nuclear Power Plant, Unit 1, Carolina

AUTH.NAME: DONAHUE, J.W. AUTHOR AFFILIATION: Carolina Power & Light Co.

RECIP.NAME: RECIPIENT AFFILIATION: Document Control Branch (Document Control Desk)

SUBJECT: Special rept: on 950817, WPB Stack 5A WRGM was declared inoperable to allow for testing of associated Stack 5A Exhaust Flow Rate Monitor. Monitor returned to svc on 950825.

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TITLE: 50.73/50.9 Licensee Event Report (LER), Incident Rpt, etc.

NOTES: Application for permit renewal filed. 05000400

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Carolina Power & Light Company
Harris Nuclear Plant
PO Box 165
New Hill NC 27562

SEP 5 1995

Letter Number: HO-950700

U.S. Nuclear Regulatory Commission
ATTN: NRC Document Control Desk
Washington, DC 20555

SHEARON HARRIS NUCLEAR POWER PLANT UNIT 1
DOCKET NO. 50-400
LICENSE NO. NPF-63
NRC 14-DAY SPECIAL REPORT

Gentlemen:

In accordance with Technical Specification 3.3.3.6 and 6.9.2 for the Shearon Harris Nuclear Power Plant, this Special Report is submitted concerning the operability of an Accident Monitoring Instrument - Radiation Monitor.

Sincerely,

J. W. Donahue
General Manager
Harris Plant

MV

Attachment

c: Mr. S. D. Ebnetter (NRC - RII)
Mr. N. B. Le (NRC - PM/NRR)
Mr. S. A. Elrod (NRC - SHNPP)
Mr. W. R. Robinson

9509120084 950905
PDR ADOCK 05000400
S PDR

ACCIDENT RADIATION MONITOR SPECIAL REPORT

Description of Event

On August 17, 1995, at 0840, the Waste Processing Building (WPB) Stack 5A Wide Range Gas Monitor (WRGM), was declared inoperable to allow for testing of the associated Stack 5A Exhaust Flow Rate Monitor. During testing of the Flow Rate Monitor, the sample flow pump indicating light did not function properly and this rendered the test unsatisfactory. While trouble shooting this condition and making needed repairs on the Flow Rate Monitor, the WRGM was left inoperable. The decision to leave the WRGM inoperable during this period was based on the projected repair time for the Flow Rate Monitor and the fact that WRGM restoration can typically be completed in a relatively short time frame. On August 21, 1995, during the fourth day of ongoing efforts to repair and test the Flow Rate Monitor, a different equipment failure, most likely caused by a lightning strike, occurred on the Stack 5A WRGM. Four days were required to troubleshoot, repair, and test the WRGM. This resulted in the WRGM being inoperable for more than 7 days requiring a report in accordance with Technical Specification (TS) 3.3.3.6. During this time period, compensatory measures required by TS were properly performed.

Cause and Corrective Action

The cause for having the WRGM inoperable for more than 7 days was a combination of a longer than anticipated repair time for the Stack 5A Flow Rate Monitor and the unexpected equipment failure that occurred on the Stack 5A WRGM on August 21, 1995. The Flow Rate Monitor deficiency was found to be in the unit's microprocessor which required vendor assistance to repair and re-program, thus taking 4 days to complete. The WRGM equipment failure discovered on August 21, 1995, was caused by an electrical spike or power surge, most likely the result of a lightning strike, which damaged the monitor's microprocessor and mid and high range detector components. Corrective actions were to replace the microprocessor I/O board, the remote pre-amp and pre-amp power supply, and both mid and high range detectors. Following repairs, a complete monitor calibration was required to verify proper operation. The total period of time that the Stack 5A WRGM was out of service was approximately 8½ days. The monitor was returned to service and declared operable at 1510 on August 25, 1995.



50-400
1/12/2000

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Distribution Sheet

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Subject:
Letter discussing request for NRC to hold a public meeting in Raleigh to discuss used fuel storage plans at the Harris Plant.

Body:

IA3

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Docket: 05000400, Notes: Application for permit renewal' filed.



Carolina Power & Light Company
PO Box 1551
Raleigh NC 27602-1551

C.S. Hinnant
Senior Vice President and
Chief Nuclear Officer

January 12, 2000

50-400

Mr. Bill Holman, Secretary
North Carolina Department of
Environment and Natural Resources
1601 Mail Services Center
Raleigh, NC 27699-1601

Dear Secretary Holman:

Thank you for providing me a copy of your letter to Dr. William D. Travers dated December 17, 1999, (postmarked January 7, 2000) requesting an NRC public meeting to be held in Raleigh to discuss used fuel storage plans at the Harris Plant. My purpose in responding to your letter is to ensure that you are aware of all the facts related to CP&L's application to the NRC referred to in your letter and the lengths that CP&L has gone to in ensuring that the public is kept informed.

We understand that the NRC plans to hold another public meeting on this matter, and CP&L certainly looks forward to the opportunity to participate at whatever level the Nuclear Regulatory Commission deems appropriate. The record is clear that we have openly communicated our plan and the need for it to the NRC and to the public on numerous occasions. Specifically:

1. All applications and safety analyses that have been filed are public record. CP&L sent a special copy of our original application directly to activists and citizen groups for its use once we were informed that a challenge to our application was likely.
2. Your letter requesting the meeting implies that our storage plans are focused on transporting material from "out-of-state" facilities. Let me clarify that CP&L's plans are to utilize existing and licensed CP&L storage pools to safely and efficiently store fuel from CP&L's three plants (2 located in North Carolina and 1 in South Carolina) that generate electricity for the customers of our service territory. That territory includes the two states. Since our customers benefit directly from each of our nuclear plants, this should not be treated as an in-state or out-of-state issue.
3. CP&L scheduled and invited the public to an open house at our New Hill visitors center. This provided an opportunity to observe models of our facilities, to review our shipping and storage plans, and to question our engineers and managers concerning our plans. Through local media, we advertised to approximately 1 million residents identifying this communications opportunity.

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Secretary Holman

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January 12, 2000

I personally attended the open house and talked with many of the news reporters and approximately 100 people that attended, including Mel Fry of your department. Members of the Orange County commission also attended.

4. CP&L has held several tours of the Harris facilities for local elected officials so that they could see first-hand the facilities in question.

We also recently attended four public meetings held by the NRC Atomic Safety and Licensing Board in Raleigh and Chapel Hill as part of their concurrent review of our plan. Those meetings provided a forum for numerous public statements – both for and against our plan – by anyone who cared to attend and speak.

In addition, as referenced in your letter, there is a legal intervention by Orange County that has resulted in the county's hiring consultants and attorneys to review and challenge our application. We have responded in depositions and legal submittals to questions asked, and we will respond to Orange County's opposition in a public hearing and oral arguments before the licensing board later this month.

CP&L has undertaken considerable efforts to provide to the public in various forums the information that you referred to in your letter to Dr. Travers. And we will continue to support the NRC's open, public process. I also hope you know that we are always available to respond to questions from your department about our plant activities.

Sincerely,



cc: Dr. William Travers
Luis Reyes
✓ Richard Laufer
R. Michael Jones

JAN 24 2000

1/6/2000

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Subject:
MEETING ANNOUNCEMENT - REVISED REACTOR OVERSIGHT PROCESS HARRIS. Meet
ing schedule for January 20, 2000 in Cary, North Carolina.

Body:

Docket: 05000400, Notes: Application for permit renewal filed.

JAB



January 6, 2000

Carolina Power & Light Company
ATTN: Mr. James Scarola
Vice President - Harris Plant
Shearon Harris Nuclear Power Plant
P. O. Box 165, Mail Code: Zone 1
New Hill, NC 27562-0165

SUBJECT: MEETING ANNOUNCEMENT - REVISED REACTOR OVERSIGHT PROCESS
HARRIS - DOCKET NO. 50-400

Dear Mr. Scarola:

This letter is to inform you of the Nuclear Regulatory Commission's (NRC) plan to hold a public meeting on January 20, 2000, from 7:00 p.m. to 9:00 p.m. to discuss the agency's new reactor oversight process for Harris. The NRC staff will meet with invited community leaders and other members of the public for a "roundtable" discussion of the new process. The location of the meeting will be at the Homewood Suites Hotel, (U.S. 1 South-Exit 98B) located at 100 MacAlyson Court, Cary, NC 27511. This meeting is an open meeting as per "Staff Meetings Open to the Public; Final Policy Statement" (September 20, 1994; 59 FR 48340).

Should you have any questions concerning this meeting, please contact Dr. August K. Spector at (301) 415-2140.

Sincerely,

/RV

Brian R. Bonser, Chief
Reactor Projects Branch 4
Division of Reactor Projects

Docket No. : 50-400
License No.: NPF-63

cc: (See page 2)

ML003677002

IE45

cc: Terry C. Morton, Manager
Performance Evaluation and
Regulatory Affairs CPB 9
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Board of County Commissioners
of Chatham County
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Distribution: (See page 3)



- Hard Paper Copy

R. Laufer, NRR
PUBLIC

NRC Resident Inspector
U. S. Nuclear Regulatory Commission
5421 Shearon Harris Road
New Hill, NC 27562-9998

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