PMHarrisCOL PEmails

From: Donald Palmrose
Sent: Thursday, May 29, 2008 8:46 AM
To: paul.snead@pgnmail.com
Cc: Bruce Olson
Subject: Draft of meeting summary for April 24th phone call
Attachments: Phone Con Summary - Harris - 4-24-08.doc

Paul,

The attached document is the draft summary for you to provide feedback.

Thanks,
Don

Donald Palmrose, PhD
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Hearing Identifier: ShearonHarris_COL_Public
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Mail Envelope Properties (Donald.Palmrose@nrc.gov20080529084600)

Subject: Draft of meeting summary for April 24th phone call
Sent Date: 5/29/2008 8:46:18 AM
Received Date: 5/29/2008 8:46:00 AM
From: Donald Palmrose

Created By: Donald.Palmrose@nrc.gov

Recipients:
"Bruce Olson" <Bruce.Olson@nrc.gov>
Tracking Status: None
"paul.snead@pgnmail.com" <paul.snead@pgnmail.com>
Tracking Status: None

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May 27, 2008

MEMORANDUM TO: William F. Burton, Chief
Environmental Projects Branch A
Division of Site and Environmental Reviews
Office of New Reactors

FROM: Donald E. Palmrose, Sr. Project Manager
Environmental Projects Branch A
Division of Site and Environmental Reviews
Office of New Reactors

SUBJECT: CONFERENCE CALL – APRIL 24, 2008; DISCUSSION WITH PROGRESS ENERGY CAROLINAS, INC. CONCERNING NEED FOR ADDITIONAL TRANSPORTATION IMPACT STUDY AND BIOLOGICAL SAMPLING IN THE CAPE FEAR RIVER FOR THE HARRIS UNITS 2 AND 3 COMBINED LICENSE APPLICATION

ATTENDEES: NRC – Donald Palmrose, Serita Sanders, Bruce Olson, Tomeka Terry, Nancy Kuntzleman, Daniel Mussatti, and Sikhindra Mitra
Pacific Northwest National Laboratory – Roger Dirkes, Tara O'Neil, David Anderson, and Ann Miracle
Progress Energy Carolinas, Inc. – Paul Snead, Bob Kitchen, Scott Freeman, John Crutchfield, and Lorin Young

The NRC staff held a conference call with Progress Energy Carolinas, Inc. (PEC) on Thursday, April 24, 2008, to discuss the need for additional studies for local transportation impacts and biological sampling in the Cape Fear River being disturbed by the proposed action than what was presented in the environmental report (ER) for the Harris Units 2 and 3 combined license (HAR COL) site. These two studies were identified during the acceptance review and documented in the letter to PEC dated April 17, 2008. PEC's presentation of the current status of both studies and NRC's response are detailed below.

Local Transportation Impacts

PEC is about to release a request for proposal (RFP) to perform the local transportation impact analysis with respect to the roadway infrastructure changes proposed in PEC's Environmental Report. The analysis would include the effects from raising the Harris Reservoir by 20 feet along with the building of a new interchange on US Highway 1. The staff and PNNL's technical reviewer were concerned that the analysis may not be completed and documented before the site audit in July 2008 and whether the raising of the reservoir would affect US Highway 1. PEC was moving forward with the RFP at this time to be able to have the analysis completed in a timely manner while schools would still be in session and also stated that the rise in reservoir level would not affect US Highway 1 but would be close to this roadway. The staff commented US Highway 1 would not be affected by the rise in water level must be clearly documented in this transportation impact analysis.

Biological Surveys in the Cape Fear River

PEC would perform three separate surveys in the Cape Fear River especially in the vicinity of the proposed construction of an intake structure and pump house on the east bank of the Cape Fear River just upstream of the Buckhorn Dam. The first survey involves sampling for both larval and adult fish and was begun on April 1, 2008 extending through June 2008. A final report is expected in July 2008. The second survey would be for benthic macroinvertebrates that would begin in May 2008 and be completed by the end of June. The third survey would be for mussel species principally in river bottom areas where PEC expects to dredge. PEC also proposed to map submerged aquatic vegetation and provide bathymetry data for the Cape Fear River in the vicinity of the proposed intake and pump house. Discussions with the staff and PNNL technical reviewer centered on collection techniques, whether the surveys were being observed or coordinated with the State of North Carolina and what seasonal fluctuations the surveys would or would not capture. PEC expects two of the three surveys to be completed with a report by the time of the site audit with the third study to have the data collection completed by the site audit but that the report may not be available until late July 2008.