

January 4, 2005

MEMORANDUM TO: Rani Franovich, Branch Chief
Environmental Branch B
Division of License Renewal
Office of Nuclear Reactor Regulation

FROM: Alicia Williamson, Project Manager /RA/
Environmental Branch C
Division of License Renewal
Office of Nuclear Reactor Regulation

SUBJECT: TRIP REPORT - NOVEMBER 29, 2005, ESSENTIAL FISH HABITAT
MEETING AND TOUR

This report summarizes the meeting and tour of the Brunswick Steam Electric Plant (BSEP), Units 1 and 2, located in Southport, NC. The BSEP site is currently under review to renew the operating licenses for Units 1 and 2 for an additional 20-year period, as applied for by Carolina Power & Light (CP&L), now doing business as Progress Energy Carolina, Inc., on October 18, 2004. The purpose of the site visit was to meet with representatives from CP&L and the National Oceanic Atmospheric Administration's National Marine Fisheries Service (NOAA-Fisheries) in support of the U.S. Nuclear Regulatory Commission's (NRC's) essential fish habitat (EFH) consultation with NOAA-Fisheries for the BSEP site.

The meeting began at the BSEP Visitor's Center, where CP&L representatives showed the NRC staff a model of the screen system associated with the plant's water intake structure. Next, there was a discussion of the BSEP site EFH and how the legislative requirements of the Magnuson-Stevens Act can be met for the BSEP license renewal project. CP&L made a presentation designed to demonstrate how small the impact of operation of BSEP is on the Cape Fear River commercial and recreational fisheries. The NRC staff and the NOAA-Fisheries representative discussed how an assessment of the potential impact on EFH should be prepared for submittal to NOAA-Fisheries. The meeting concluded with a boat tour of BSEP's fish diversion structure, plant water intake structure, and the fish return system. A list of meeting attendees is provided in Enclosure 1.

Enclosure:
As stated

cc: See next page

January 4, 2005

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Environmental Section D
Division of License Renewal
Office of Nuclear Reactor Regulation

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ADAMS Accession Number: **ML060100399**
Document name: E:\Filenet\ML060100399.wpd

OFFICE	PM:REBA	LA:DLR	PM:REBB	SC:REBB
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DATE	1/4/05	12/27/05	1/10/06	1/4/06

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**LIST OF ATTENDEES
BRUNSWICK STEAM ELECTRIC PLANT
ESSENTIAL FISH HABITAT MEETING AND TOUR**

NOVEMBER 29, 2005

Participants

Rich Emch
Harriet Nash
Alicia Williamson
Jim Wilson
Steve Duda
Ron Sechler
Rich Carpenter
George Baird
Jan Kozyra
Paul Snead
Thomas Thompson

Affiliations

U.S. Nuclear Regulatory Commission (NRC)
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NRC
NRC
EarthTech
National Oceanic Atmospheric Administration
North Carolina Marine Fisheries
Progress Energy
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