



Progress Energy

AUG 26 2008

SERIAL: BSEP 08-0109

U. S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, DC 20555-0001

Subject: Brunswick Steam Electric Plant, Unit No. 1
Docket No. 50-325/License No. DPR-71
Owner's Activity Report for Third 10-Year Inservice Inspection Program

Ladies and Gentlemen:

Enclosed is an American Society of Mechanical Engineers (ASME) Boiler and Pressure Vessel Code, Section XI, Form OAR-1 Owner's Activity Report for the Brunswick Steam Electric Plant (BSEP), Unit No. 1. The report covers inspection activities performed during BSEP, Unit 1 Refueling Outage 16 (i.e., B117R1) for the third inspection period of the third 10-year inspection interval. The report has been prepared and is being submitted in accordance with ASME Code Case N-532-4.

No regulatory commitments are contained in this letter. Please refer any questions regarding this submittal to Mr. Gene Atkinson, Supervisor - Licensing/Regulatory Programs, at (910) 457-2056.

Sincerely,

Philip A. Leich
Manager - Support Services
Brunswick Steam Electric Plant

Progress Energy Carolinas, Inc.
Brunswick Nuclear Plant
PO Box 10429
Southport, NC 28461

A047
MRR

Document Control Desk
BSEP 08-0109 / Page 2

WRM/wrm

Enclosure: Form OAR-1 Owner's Activity Report for Refueling Outage B117R1

cc (with enclosure):

U. S. Nuclear Regulatory Commission, Region II
ATTN: Mr. Luis A. Reyes, Regional Administrator
Sam Nunn Atlanta Federal Center
61 Forsyth Street, SW, Suite 23T85
Atlanta, GA 30303-8931

U. S. Nuclear Regulatory Commission
ATTN: Mr. Joseph D. Austin, NRC Senior Resident Inspector
8470 River Road
Southport, NC 28461-8869

U. S. Nuclear Regulatory Commission **(Electronic Copy Only)**
ATTN: Mrs. Farideh E. Saba (Mail Stop OWFN 8G9A)
11555 Rockville Pike
Rockville, MD 20852-2738

Chair - North Carolina Utilities Commission
P.O. Box 29510
Raleigh, NC 27626-0510

Mr. Jack Given, Bureau Chief
North Carolina Department of Labor
Boiler Safety Bureau
1101 Mail Service Center
Raleigh, NC 27699-1101

BSEP 08-0109
Enclosure

Form OAR-1 Owner's Activity Report
for Refueling Outage B117R1

Form OAR-1 Owner's Activity Report

Report Number B117R1

Plant Brunswick Steam Electric Plant

Unit No. 1 Commercial service date March 1977 Refueling Outage No. B117R1
(if applicable)

Current inspection interval 3rd
(1st, 2nd, 3rd, 4th, other)

Current inspection period 3rd
(1st, 2nd, 3rd)

Edition and Addenda of Section XI applicable to the inspection plans 1989 Edition (no addenda)

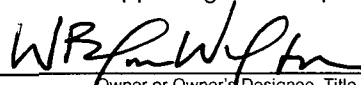
Date and revision of inspection plan November 15, 2007 Revision 0

Edition and Addenda of Section XI applicable to repair/replacement activity, if different that the inspection plans 1989 Edition (no addenda)

Code Case used: Refer to 0BNP-TR-011 for the Cases used during this period.

CERTIFICATION OF CONFORMANCE

I certify that (a) the statements made in this report are correct; (b) the examinations and tests meet the Inspection Plan as required by the ASME Code, Section XI; and (c) the repair/replacement activities and evaluations supporting the completion of B117R1 conform to the requirements of Section XI.
(refueling outage number)

Signed  Date 7/7/08
Owner or Owner's Designee, Title

CERTIFICATION OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of North Carolina and employed by Hartford Steam Boiler Inspection and Insurance Company of Connecticut of Hartford, Connecticut have inspected the items described in this Owner's Activity Report, and state that, to the best of my knowledge and belief, the Owner has performed all activities represented by this report in accordance with the requirements of Section XI.

By signing this certification neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the repair/replacement activities and evaluation described in this report. Furthermore, neither the Inspector nor his employee shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.


 Commissions 13040 ANI NC 1553
Inspector's Signature National Board, State, Province, and Endorsements
 Date 7/14/08

TABLE 1
 ITEMS WITH FLAWS OR RELEVANT CONDITIONS THAT REQUIRED
 EVALUATION FOR CONTINUED SERVICE

Examination Category and Item Number	Item Description	Evaluation Description
None	None	None

TABLE 2
 ABSTRACT OF REPAIR/REPLACEMENT ACTIVITIES REQUIRED FOR CONTINUED SERVICE

Code Class	Item Description	Description of Work	Date Completed	Repair/Replacement Plan Number
1	None	None	None	None
2	None	None	None	None

Other:

NUREG -0619 Program

The required examinations were performed, and no defects were identified.

Generic Letter 88-01/BWRVIP-75 Program

The required examinations were performed, and no defects were identified.