

January 17, 1996

Mr. W. R. Campbell, Vice President
Carolina Power & Light Company
Brunswick Steam Electric Plant
Post Office Box 10429
Southport, North Carolina 28461

SUBJECT: APPROVAL OF CODE CASE N-524 AS AN ALTERNATIVE TO THE REQUIREMENTS FOR THE EXAMINATION OF LONGITUDINAL WELDS IN CLASS 1 AND 2 PIPING - BRUNSWICK STEAM ELECTRIC PLANT, UNITS 1 AND 2 (BSEP 95-0512) (TAC NOS. M93902 AND M93903)

Dear Mr. Campbell:

On October 19, 1995, the Carolina Power & Light Company (CP&L) requested relief from the provisions of the American Society of Mechanical Engineers (ASME) Boiler and Pressure Vessel Code, Section XI, "Rules for Inservice Inspection of Nuclear Power Plant Components," in accordance with 10 CFR 50.55a(a)(3) for the Brunswick Steam Electric Plant, Units 1 and 2 (BSEP). Specifically, CP&L requested permission to use the provisions of ASME Code Case N-524 as an alternative for the examination of longitudinal welds in Class 1 and 2 piping.

Use of Code Case N-524 is authorized pursuant to 10 CFR 50.55a(a)(3)(i), provided that, for ferritic welds, the volumetric examinations of the adjacent circumferential welds at the intersections with the longitudinal welds include scanning for reflectors transverse to the circumferential welds.

The use of ASME Code Case N-524 is authorized until such time as this Code case is published in a future revision of Regulatory Guide (RG) 1.147. At that time, if you intend to continue to implement this Code case, you must follow all provisions in Code Case N-524, with limitations issued in RG 1.147, if any. The NRC staff's evaluation and conclusions are contained in the attached Safety Evaluation.

Sincerely,
(Original Signed By)
David B. Matthews, Director
Project Directorate II-1
Division of Reactor Projects - I/II
Office of Nuclear Reactor Regulation

Docket Nos. 50-325 and 50-324

Enclosure: Safety Evaluation

cc w/enclosure: See next page

* See previous concurrence

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Brunswick Steam Electric Plant
Units 1 and 2

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