



Carolina Power & Light Company

SERIAL: NLS-85-162

JUN 14 1985

Director of Nuclear Reactor Regulation
Attention: Mr. D. B. Vassallo, Chief
Operating Reactors Branch No. 2
Division of Licensing
United States Nuclear Regulatory Commission
Washington, DC 20555

BRUNSWICK STEAM ELECTRIC PLANT, UNIT NOS. 1 AND 2
DOCKET NOS. 50-325 & 50-324/LICENSE NOS. DPR-71 & DPR-62
IGSCC DESIGN REPORT

Dear Mr. Vassallo:

Carolina Power & Light Company (CP&L) hereby submits the "Design Report for Recirculation and Reactor Water Clean-Up Systems Weld Overlay Repairs and Flow Analysis at Brunswick Steam Electric Plant Unit 1." The report is in regards to intergranular stress corrosion cracking (IGSCC) inspection and repair work done at Brunswick-1 during the November 1984 outage.

Table I provides a cross reference to relate weld numbers identified in the enclosed report to those provided in our December 5, 1984 submittal.

Should you have any questions regarding this submittal, please contact Mr. Richard J. Fasnacht at (919) 836-7318.

Yours very truly,

S. R. Zimmerman
Manager

Nuclear Licensing Section

RWS/crs (1477RWS)

Enclosure

cc: Mr. W. H. Ruland (NRC-BNP)
Dr. J. Nelson Grace (NRC-RII)
Mr. M. Grotenhuis (NRC)

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PDR ADOCK 05000325
P PDR

A001
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TABLE 1

WELD NUMBER CROSS REFERENCENUTECH Report Weld Number

28-B-12-A
12-AR-A4A
12-AR-B2A
12-BR-F4A
X-14-C
RWCU-6-4A
RWCU-6-6A
RWC7-6-7A
RWCU-6-8A
RWCU-6-10A
1-RR-4A10-A

CP&L Weld Number

1-B32-RECIRC-28"-B-12
1-B32-RECIRC-12"-AR-A4
1-B32-RECIRC-12"-AR-B2
1-B32-RECIRC-12"-BR-F4
1-G31-RWCU-PENETR-X14
1-G31-RWCU-6"-4
1-G31-RWCU-6"-6
1-G31-RWCU-6"-7
1-G31-RWCU-6"-8
1-G31-RWCU-6"-10
1-B32-RECIRC-4"-A10