



Carolina Power & Light Company

NOV 27 1985

SERIAL: NLS-85-423

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 NO. 2
DOCKET NO. 50-324/LICENSE NO. DPR-62
IGSCC INSPECTIONS

Dear Mr. Vassallo:

On November 1, 1985, Carolina Power & Light Company submitted our plans to perform intergranular stress corrosion cracking (IGSCC) inspections and mitigative actions during the Brunswick-2 Reload 6 outage, scheduled to begin on December 1, 1985. In a recent telephone conversation, your staff requested more detailed information regarding the scope of the planned inspections. As stated in our November 1, 1985 submittal, the IGSCC inspections will be performed in accordance with the requirements of Generic Letter 84-11. Table 1 lists the welds which we currently plan to inspect. Table 2 lists those welds which will be replaced as a result of the reactor water cleanup system piping upgrade. The information contained in these tables is preliminary and intended to be used for informational purposes only. The final results of the inspections, the specific scope of the Induction Heating Stress Improvement Program, and a description of any further corrective actions will be submitted prior to Brunswick-2 startup.

Please refer any questions to Mr. Stephen D. Floyd at (919) 836-6901.

Yours very truly,

S. R. Zimmerman
Manager

Nuclear Licensing Section

MAT/ccc (3057MAT)

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

8512040060 851127
PDR ADDCK 05000324
G PDR

Aool

TABLE 1

PRELIMINARY LIST OF WELDS TO BE INSPECTED
DURING THE BRUNSWICK-2 RELOAD 6 OUTAGE

2-B32-28"-A-2	SS Safe End to SS Pipe
2-B32-28"-A-3	SS Pipe to SS Elbow
2-B32-28"-A-4	SS Elbow to SS Pipe
2-B32-28"-A-5	SS Pipe to SS Tee
2-B32-28"-A-6	SS Tee to SS Pipe
2-B32-28"-A-7	SS Pipe to SS Elbow
2-B32-28"-A-8	SS Elbow to SS Valve
2-B32-28"-A-9	SS Valve to SS Pipe
2-B32-28"-A-10	SS Pipe to SS Elbow
2-B32-28"-A-11	SS Elbow to SS Pump
2-B32-28"-A-12	SS Pump to SS Pipe
2-B32-28"-A-13	SS Pipe to SS Valve
2-B32-28"-A-14	SS Valve to SS Elbow
2-B32-28"-A-15	SS Elbow to SS Pipe
2-B32-28"-A-16	SS Pipe to SS Tee
2-B32-28"-A-17	SS Tee to SS Cross
2-B32-28"-A-18	SS Cross to SS Reducer
2-B32-28"-B-2	SS Safe End to SS Pipe
2-B32-28"-B-3	SS Pipe to SS Elbow
2-B32-28"-B-4	SS Elbow to SS Pipe
2-B32-28"-B-5	SS Pipe to SS Tee
2-B32-28"-B-6	SS Tee to SS Pipe
2-B32-28"-B-7	SS Pipe to SS Elbow
2-B32-28"-B-8	SS Elbow to SS Valve
2-B32-28"-B-9	SS Valve to SS Pipe
2-B32-28"-B-10	SS Pipe to SS Elbow
2-B32-28"-B-11	SS Elbow to SS Pump
2-B32-28"-B-12	SS Pump to SS Pipe
2-B32-28"-B-13	SS Pipe to SS Valve
2-B32-28"-B-14	SS Valve to SS Elbow
2-B32-28"-B-15	SS Elbow to SS Pipe
2-B32-28"-B-16	SS Pipe to SS Tee
2-B32-28"-B-17	SS Tee to SS Cross
2-B32-28"-B-18	SS Cross to SS Reducer
2-B32-22"-AM-1	SS Valve to SS Pipe
2-B32-22"-AM-2	SS Pipe to SS Valve
2-B32-22"-AM-3	SS Valve to SS Pipe
2-B32-22"-AM-4	SS Pipe to SS Pipe
2-B32-22"-AM-5	SS Pipe to SS Cross
2-B32-22"-AM-6	SS Cross to SS Pipe
2-B32-22"-BM-1	SS Cap to SS Pipe
2-B32-22"-BM-2	SS Pipe to SS Cross
2-B32-22"-BM-3	SS Cross to SS Pipe
2-B32-22"-BM-4	SS Pipe to SS Valve
2-B32-12"-AR-A-1	SS Sweepolet to SS Pipe
2-B32-12"-AR-A-2	SS Pipe to SS Elbow
2-B32-12"-AR-A-3	SS Elbow to SS Pipe
2-B32-12"-AR-A-4	SS Pipe to SS Safe End

SS Sweepolet to SS Pipe
SS Pipe to SS Elbow
SS Elbow to SS Pipe
SS Pipe to SS Safe End
SS Sweepolet to SS Pipe
SS Pipe to SS Elbow
SS Elbow to SS Pipe
SS Pipe to SS Safe End
SS Sweepolet to SS Pipe
SS Pipe to SS Elbow
SS Elbow to SS Pipe
SS Pipe to SS Safe End
SS Sweepolet to SS Pipe
SS Pipe to SS Elbow
SS Elbow to SS Pipe
SS Pipe to SS Safe End
SS Sweepolet to SS Pipe
SS Pipe to SS Elbow
SS Elbow to SS Pipe
SS Pipe to SS Safe End
SS Sweepolet to SS Pipe
SS Pipe to SS Elbow
SS Elbow to SS Pipe
SS Pipe to SS Safe End
SS Sweepolet to SS Pipe
SS Pipe to SS Elbow
SS Elbow to SS Pipe
SS Pipe to SS Safe End
SS Sweepolet to SS Pipe
SS Pipe to SS Elbow
SS Elbow to SS Pipe
SS Pipe to SS Safe End
SS Pipe to SS Weldolet
SS Pipe to SS Weldolet
SS Pipe to SS Weldolet
SS Pipe to SS Weldolet
SS Branch
SS Weldolet
SS Weldolet
SS Branch
SS Weldolet
SS Weldolet
SS Tee to SS Pipe
SS Sweepolet
SS Pipe to CS Valve
SS Tee to CS Valve
SS Tee to CS Valve

TABLE 2

PRELIMINARY LIST OF WELDS TO BE REPLACED
DURING THE BRUNSWICK-2 RELOAD 6 OUTAGE

2-G31-RWCU-6"-1	SS Tee to SS Pipe
2-G31-RWCU-6"-1A	SS Pipe to SS Pipe
2-G31-RWCU-6"-2	SS Pipe to SS Valve
2-G31-RWCU-6"-3	SS Pipe to SS Pipe
2-G31-RWCU-6"-3A	SS Pipe to SS Pipe
2-G31-RWCU-6"-4B	SS Pipe to SS Elbow
2-G31-RWCU-6"-5B	SS Elbow to SS Pipe
2-G31-RWCU-6"-5A	SS Pipe to SS Pipe
2-G31-RWCU-6"-6	SS Pipe to SS Elbow
2-G31-RWCU-6"-7	SS Elbow to SS Pipe
2-G31-RWCU-6"-8	SS Pipe to SS Elbow
2-G31-RWCU-6"-9	SS Elbow to SS Pipe
2-G31-RWCU-6"-10	SS Pipe to SS Elbow
2-G31-RWCU-6"-11	SS Elbow to SS Pipe
2-G31-RWCU-6"-12	SS Pipe to SS Valve
2-G31-RWCU-6"-13	SS Valve to SS Pipe
2-G31-RWCU-6"-14	SS Pipe to SS Elbow
2-G31-RWCU-6"-15	SS Elbow to SS Pipe
2-G31-RWCU-6"-16	SS Pipe to SS Pent
2-G31-RWCU-6"-17	SS Pent to SS Elbow
2-G31-RWCU-6"-18	SS Elbow to SS Pipe
2-G31-RWCU-6"-19	SS Pipe to SS Valve