CP&L

Carolina Power & Light Company

Brunswick Steam Electric Plant
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October 31, 1984

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Mr. James P. O'Reilly, Director
U.S. Nuclear Regulatory Commission
Suite 2900
101 Marietta Street NW
Atlanta, GA 30323

BRUNSWICK STEAM ELECTRIC PLANT UNIT 1
DOCKET NO. 50-325
LICENSE NO. DPR-71
FOURTEEN-DAY SPECIAL REPORT PER TECHNICAL SPECIFICATION 3.3.5.3 AND
PURSUANT TO TECHNICAL SPECIFICATION 6.9.2 (1-SR-84-5)

Dear Mr. O'Reilly:

A preplanning review of items related to an upcoming Unit 1 maintenance outage revealed that a technical specifications required once per 18 months channel calibration of the unit drywell radiation monitors had not been performed for the current surveillance interval. The subject channel calibration is accomplished through performance of Containment Radiation Monitors Channel Calibration, PT-04.1.6PC. The surveillance interval is addressed by Technical Specifications Table 4.3.5.3-1, Item 8. A listing of the drywell radiation monitors and their respective instrument recorders is given in Table 1.

Previous performance of PT-04.1.6PC for Unit 1 on October 18, 1982, resulted in the next scheduled performance due date of September 4, 1984. On January 10, 1984, the respective performance of PT-04.1.6PC for Unit 2 was completed. Due to personnel error, the PT completion date for Unit 2 was entered into both the Unit 1 and 2 surveillance tracking/scheduling system. This resulted in a scheduling error which led to the event.

Following discovery of this event, an immediate assessment of operability requirements of the subject monitors was performed. It was revealed that within the subject channel calibration surveillance interval, maintenance-related calibrations were performed on three of the monitors and their respective instrument recorders. (See Table 2 for a listing of these monitors and instruments and the dates on which the calibrations were performed.)

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Table 1

Drywell Radiation Monitors

Monitor	Respective Instrument Indicator/Recorder
Drywell Particulate Radiation CAC-AQH-1260-1	CAC-AR-1260-1
Drywell Radioiodine Radiation CAC-AQH-1260-2	CAC-AR-1260-2
Drywell Noble Gas Radiation CAC-AQH-1260-3	CAC-AR-1260-3
Drywell Particulate Radiation CAC-AQH-1261-1	CAC-AR-1261-1
Drywell Radioiodine Radiation CAC-AQH-1261-2	CAC-AR-1261-2
Drywell Noble Gas Radiation CAC-AQH-1261-3	CAC-AR-1261-3
Drywell Particulate Radiation CAC-AQH-1262-1	CAC-AR-1262-1
Drywell Radioiodine Radiation CAC-AQH-1262-2	CAC-AR-1262-2
Drywell Noble Gas Radiation CAC-AQH-1262-3	CAC-AR-1262-3

Table 2

Maintenance-Related Calibration of Drywell Radition Monitors

Monitor	Date of Calibration	Respective Instrument Indicator/Recorder	Date of Calibration
Drywell Noble Gas Radiation 1-CAC-AQH-1262-3	August 9, 1983	1-CAC-AR-1262-3	April 17, 1984
Drywell Particulate Radiation 1-CAC-AQH-1262-1	January 16, 1983	1-CAC-AR-1262-1	April 17, 1984
Drywell Noble Gas Radiation 1-CAC-AQH-1260-3	February 8, 1984	1-CAC-AR-1260-3	August 14, 1984

In addition, during the subject channel calibration surveillance interval, routine daily sampling of the unit drywell radiation monitors was satisfactorily performed in accordance with plant procedure E&RC-0150.

On October 6, 1984, PT-04.1.6PC was satisfactorily completed for Unit 1. It was found that eight of the nine monitoring channels were within required operating tolerances. Technical Specifications minimum number of required operable monitoring channels is six. Appropriate plant personnel were counseled on the necessity to ensure all data entries are accurate to ensure technical specification requirements are met. In addition, appropriate plant procedures will be revised to ensure data verification requirements are reflected.

Very truly yours,

C. R. Dietz, General Manager
Brunswick Steam Electric Plant

RMP/sdl/LETSDL

Enclosure

cc: Mr. R. C. DeYoung
NRC Document Control Desk