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Rick J. King
Director
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September 26, 2000

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

Subject: Radiological Effluent Release Report for 1999
River Bend Station
License No. NPF-47
Docket No. 50-458

File Nos.: G9.5, G9.25.1.5

RBG-45501
RBF1-00-0184

Ladies and Gentlemen:

Enclosed is an amended page for the River Bend Station (RBS) Annual Radiological Effluent Release Report for the period January 1, 1999, through December 31, 1999. The amended section concerns the Land Use Census and is meant to clarify the information previously sent in a letter dated April 28, 2000. No other information or data in the original report is affected by this clarification.

Should you have any questions regarding the enclosed information, please contact Mr. Robert Biggs of my staff at (225) 381-3731.

Sincerely,

A handwritten signature in cursive script, appearing to read "Rick J. King".

RJK/DLM
enclosure

IE48

Radiological Effluent Release Report for 1999
September 26, 2000
RBG-45501
RBF1-00-0184
Page 2 of 2

cc: U.S. Nuclear Regulatory Commission
Region IV
611 Ryan Plaza Drive, Suite 400
Arlington, TX 76011

NRC Resident Inspector
PO Box 1050
St. Francisville, LA 70775

Mr. Jefferey F. Harold, NRR Project Manager
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In addition, doses were calculated for a maximally exposed member of the public inside the site boundary. Parameters and assumptions utilized to make this determination can be found in Table 11. The results of the calculations can be found in Table 12. The maximally exposed member of the public on site was the lawn service provider who works around the General Services Building lawn eight hours per day, 5 days per week, 13 weeks per year. It should be noted that liquid effluent pathway dose was not considered since these individuals would not engage in activities that would allow exposure to this pathway.

VII. METEOROLOGICAL DATA

See Tables 13 and 14 for the cumulative joint frequency distributions and annual average data for continuous releases.

VIII. RADIOACTIVE LIQUID EFFLUENT MONITORING INSTRUMENTATION OPERABILITY

The minimum number of channels required to be OPERABLE as described in Table 3.3.11.2-1 of Technical Requirement 3.3.11.2 were, if inoperable at any time in the period 1/1/99 through 12/31/99, restored to operable status within the required time. Reporting of these inoperable channels in this report is, therefore, not required.

IX. RADIOACTIVE GASEOUS EFFLUENT MONITORING INSTRUMENTATION OPERABILITY

The minimum number of channels required to be OPERABLE as described in Table 3.3.11.3-1 of Technical Requirement 3.3.11.3 were, if inoperable at any time in the period 1/1/99 through 12/31/99, restored to operable status within the required time. Reporting of these inoperable channels in this report is therefore, not required.

X. LIQUID HOLD UP TANKS

The maximum quantity of radioactive material, excluding tritium and dissolved or entrained noble gases, contained in any unprotected outdoor tank during the period of 1/1/99 through 12/31/99 was less than or equal to the 10 curie limit as required by Technical Specification 5.5.8.b.

XI. RADIOLOGICAL ENVIRONMENTAL MONITORING

Refer to Section XIII for changes in radiological environmental monitoring locations during the reporting period 1/1/99 through 12/31/99.

XII. LAND USE CENSUS

The current Land Use Census, performed in 1998, as required by Technical Requirement 3.12.2, did not identify any location(s) that would yield a calculated dose or dose commitment greater than the values calculated.