



Entergy Operations, Inc.
River Bend Station
5485 U.S. Highway 61
P. O. Box 220
St. Francisville, LA 70775
Tel 225 336 6225
Fax 225 635 5068

Rick J. King
Director
Nuclear Safety Assurance

May 10, 2001

U. S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, D. C. 20555

Subject: Monthly Operating Report
River Bend Station
Docket No. 50-458
License No. NPF-47

File No.: G9.5, G4.25

RBG-45737
RBF1-01-0110

Ladies and Gentlemen:

In accordance with River Bend Station Technical Specification 5.6.4, enclosed is the Monthly Operating Report for April 2001.

Sincerely,

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

RJK/dhw
enclosure

IE24

Monthly Operating Report

May 10, 2001

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

NRC Senior Resident Inspector
P. O. Box 1050
St. Francisville, LA 70775

INPO Records Center
700 Galleria Parkway
Atlanta, GA 30339-3064

Mr. Jim Calloway
Public Utility Commission of Texas
1701 N. Congress Ave.
Austin, TX 78711-3326

Dottie Sherman
American Nuclear Insurers
29 South Main Street
West Hartford, CT 06107

DOCKET NO. 50/458
RIVER BEND STATION

DATE May 10, 2001
COMPLETED BY Danny H. Williamson
TITLE Sr. Licensing Specialist
TELEPHONE 225-381-4279

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OPERATING STATUS

1. REPORTING PERIOD: April 2001

2. MAXIMUM DEPENDABLE CAPACITY (MWe-Net): 936

3. DESIGN ELECTRICAL RATING (MWe-Net): 936

	<u>MONTH</u>	<u>YEAR TO DATE</u>	<u>CUMULATIVE</u>
4. NUMBER OF HOURS REACTOR WAS CRITICAL	<u>624.0</u>	<u>2784.2</u>	<u>105959.9</u>
5. HOURS GENERATOR ON LINE	<u>587.5</u>	<u>2747.5</u>	<u>102390.8</u>
6. UNIT RESERVE SHUTDOWN HOURS	<u>0</u>	<u>0</u>	<u>0</u>
7. NET ELECTRICAL ENERGY GENERATED (MWH)	<u>466,357</u>	<u>2,578,823</u>	<u>90,359,954</u>

UNIT SHUTDOWNS

<u>NUMBER</u>	<u>DATE</u>	<u>TYPE</u>	<u>DURATION</u>	<u>SHUTDOWN METHOD</u>	<u>REASON</u>	<u>CAUSE / CORRECTIVE ACTIONS</u>
01-01	4/17/01	S	71.7 hours	2	A	Reactor recirc pump "A" tripped due to an electrical fault on 4/7/01. The plant was shut down to investigate and repair the cause of the pump trip. A water leak above the motor caused the motor terminals to become wet via a degraded conduit seal, resulting in the electrical fault.
01-02	4/21/01	F	59.8 hours	3	A	A main turbine control malfunction occurred during turbine control valve testing, resulting in a reactor scram. Subsequent troubleshooting has determined the likely cause to have been an error in the turbine speed signal.

LEGEND:

TYPE: F - Forced
S - Scheduled

SHUTDOWN METHOD: 1 - Manual
2 - Manual trip/scram
3 - Automatic trip/scram
4 - Continuation
5 - Other (explain)


REASON: A - Equipment failure (explain)
B - Maintenance or Test
C - Refueling
D - Regulatory restriction
E - Operator training / License exam
F - Administrative
G - Operational error (explain)
H - Other (explain)

NOTES:

1. In response to the scram that occurred on 4/21/01, as noted above, thirteen reactor safety-relief valves actuated automatically in the 'safety' mode. Safety-relief valves 41A, 41B, 41C, 41F, 41G, 41L, 47A, 47B, 47C, 47F, 51B, 51C, and 51G actuated in response to the main steam line pressure transient following the closure of the turbine control valves. This has been evaluated by the plant's engineering staff, and was determined to have been an appropriate response to the event.

There were no actuations of reactor safety-relief valves during the scheduled shutdown on April 17.

2. Please note that the initial phase of a power uprate modification has been completed at River Bend Station. A change in the maximum reactor feedwater flow was completed on October 24, 2000, resulting in a higher electrical output. The operating pressure of the reactor will be increased during the next refueling outage in the fall of 2001, which will further increase the plant's electrical output. Until completion of appropriate tests and/or calculations, River Bend Station will continue to use the existing maximum dependable capacity.



Danny H. Williamson