

Docket No. 50-458

SEP 6 1985

Mr. William J. Cahill, Jr.  
Senior Vice President  
River Bend Nuclear Group  
Gulf States Utilities Company  
P.O. Box 2951  
Beaumont, Texas 77704

Dear Mr. Cahill:

SUBJECT: REVISED AGENDA FOR RIVER BEND SPDS AUDIT

As a part of the NRC staff's review of your application for an operating license for River Bend Station, the staff has scheduled an audit of the River Bend SPDS for September 23, 1985 - September 25, 1985. The enclosure is the revised audit agenda.

Please contact the NRC Project Manager, Stephen Stern, for clarification or further discussion on this topic.

Walter R. Butler, Chief  
Licensing Branch No. 2  
Division of Licensing

Enclosure: As stated

cc w/enclosure: See next page

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UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D. C. 20555

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A handwritten signature in cursive script, reading "Walter R. Butler".

Walter R. Butler, Chief  
Licensing Branch No. 2  
Division of Licensing

Enclosure: As stated

cc w/enclosure: See next page

Mr. William J. Cahill, Jr.  
Gulf States Utilities Company

River Bend Nuclear Plant

cc:

Troy B. Conner, Jr., Esq.  
Conner and Wetterhahn  
1747 Pennsylvania Avenue, NW  
Washington, D.C. 20006

Ms. Linda B. Watkins/Mr. Steven Irving  
Attorney at Law  
355 Napoleon Street  
Baton Rouge, Louisiana 70802

Mr. William J. Reed, Jr.  
Director - Nuclear Licensing  
Gulf States Utilities Company  
P. O. Box 2951  
Beaumont, Texas 77704

Mr. David Zaloudek  
Nuclear Energy Division  
Louisiana Department of  
Environmental Quality  
P. O. Box 14690  
Baton Rouge, Louisiana 70898

Richard M. Troy, Jr., Esq.  
Assistant Attorney General in Charge  
State of Louisiana Department of Justice  
234 Loyola Avenue  
New Orleans, Louisiana 70112

Mr. J. David McNeill, III  
William G. Davis, Esq.  
Department of Justice  
Attorney General's Office  
7434 Perkins Road  
Baton Rouge, Louisiana 70808

Resident Inspector  
P. O. Box 1051  
St. Francisville, Louisiana 70775

H. Anne Plettinger  
3456 Villa Rose Drive  
Baton Rouge, Louisiana 70806

Gretchen R. Rothschild  
Louisianians for Safe Energy, Inc.  
1659 Glenmore Avenue  
Baton Rouge, Louisiana 70775

James W. Pierce, Jr., Esq.  
P. O. Box 23571  
Baton Rouge, Louisiana 70893

Regional Administrator, Region IV  
U.S. Nuclear Regulatory Commission  
Office of Executive Director  
for Operations  
611 Ryan Plaza Drive, Suite 1000  
Arlington, Texas 76011

REVISED AGENDA

Monday, September 23, 1985

8:00 a.m. Introductions, short entrance briefing (15 minutes) by NRC, short overview of program and current status by Gulf States Utilities (GSU) (45 minutes)

9:00 a.m. Item 1 (PSRB)

General Information Needed:

Short overview of the parameter selection process with emphasis on plant-specific considerations, especially regarding the validation of the parameter set in terms of representativeness and useability at Riverbend.

Specific Information Needed:

Identify any differences between the generic G.E. SPDS and the Riverbend SPDS parameters. Describe plant-specific plans for the validation of the parameter set, i.e. how did/will GSU confirm that the generic parameter set is sufficient for use at Riverbend and is adequately representative and useable for Riverbend operators.

Discuss whether beyond-design-basis conditions have been factored into the validation program, e.g. venting primary containment at high pressure, level measurements below top of active fuel.

11:00 a.m. Item 2 (HFEB)

General Information Needed:

Discussion of Human Factors Review and user needs analysis.

Specific Information Needed:

Identify and discuss any modifications to the generic G.E. SPDS that were needed for plant-specific consistency, e.g. plant or utility conventions for color-coding, abbreviations, symbols, etc.

Discuss the methodology used to confirm that Riverbend operators can readily and reliably assess plant status using the SPDS, and that the displayed information is easily perceived and comprehended.

12:00 p.m. Lunch

1:00 p.m.

Item 3 (HFEB/ICSB/PSRB)

General Information Needed:

Discussion of data validation techniques used.

Specific Information Needed:

Identify and discuss any differences between the data validation techniques used in the generic G.E. design and the Riverbend SPDS, including numbers of redundant inputs, unavailable inputs, modifications to weighting and compensation algorithms, etc.

2:00 p.m.

Item 4 (HFEB/ICSB)

General Information Needed:

Short discussion of system availability

Specific Information Needed

Estimates of availability, plant-specific. Plans for retaining high availability throughout the system life-cycle:

- a) software maintenance
- b) hardware maintenance
- c) configuration control
- d) technician/programmer training programs for ERIS/SPDS

3:00 p.m.

Demonstration of operational portions of SPDS at the simulator/TSC/Control Room or other convenient location.

Tuesday, September 24, 1985

8:30 a.m.

Resolution of items remaining from Monday session, further questions from staff, further questions to the staff.

9:30 a.m.

Further demonstration of operational portions of SPDS, including a walk-through/talk-through of a scenario that involves monitoring radiation levels in the reactor building and determining whether there has been a significant off-site release (alert level or greater). GSU should develop this scenario. The scenario should exercise several plant-specific EOPs.

12:00 p.m.

Lunch

1:00 p.m.

Staff review of SPDS displays, formats, and interface devices. At least one knowledgeable person from GSU should be present to answer questions from the staff.

5:00 p.m.

Conclude equipment/system review.

Wednesday, September 25, 1985

9:00 a.m. Resolution of items remaining from previous sessions.

10:00 a.m. Exit briefing