



Entergy Operations, Inc.
River Bend Station
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St. Francisville, LA 70775
Tel 225 381 4149

Jerry C. Roberts
Director, Nuclear Safety Assurance
River Bend Station

RBG-47129

April 4, 2011

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

SUBJECT: Response to Additional Requests for Additional Information
(RAIs) and Revised RBS Cyber Security Plan
River Bend Station - Unit 1
License No. NPF-47
Docket No. 50-458

- Reference:**
1. Entergy letter to the NRC, License Amendment Withdrawal and Request – Cyber Security Plan, dated July 22, 2010 (RBG-47047)
 2. Entergy letter to NRC, Revision of Commitment to Supplement the Cyber Security Plan Regarding Balance-of-Plant Systems, dated November 30, 2010 (RBG-47087)
 3. Letter from Richard P. Correia (NRC) to Chris Earls (NEI) Concerning Scope of Systems, dated January 5, 2011
 4. Letter from Entergy to NRC, Response to RAI on the RBS Cyber Security Plan, dated February 15, 2011 (RBG-47115)
 5. Email from NRC to Entergy, RAI on License Amendment Request, Cyber Security Plan, dated March 4, 2011 (RBC-50921)
 6. Letter from Chris Earls (NEI) to Richard P. Correia (NRC), Clarification to NEI 08-09, Revision 6 Regarding Records Retention, dated February 28, 2011
 7. Letter from Chris Earls (NEI) to Richard P. Correia (NRC), Template for the Cyber Security Plan Implementation Schedule, dated February 28, 2011
 8. Letter from Richard P. Correia (NRC) to Chris Earls (NEI), Cyber Security Plan Generic RAI on Records Retention, dated March 1, 2011
 9. Letter from Richard P. Correia (NRC) to Chris Earls (NEI), Template for the Cyber Security Plan Implementation Schedule, dated March 1, 2011

~~This letter contains Security-Related Information – Attachments 1, 4, and 6 are withheld from public disclosure per 10 CFR 2.390~~

S001A
NR

Dear Sir or Madam:

In Reference 1, Entergy Operations, Inc. (Entergy) submitted requests for amendments to the operating licenses for River Bend Station (RBS) requesting NRC approval of the RBS Cyber Security Plan. In accordance with Reference 4, Entergy is revising Sections 2.1 "Scope and Purpose" and 4.3, "Defense-In-Depth Protective Strategies," to address clarifications with respect to data diodes/air gaps and emergency plan/preparedness as described in the request for additional information (RAI) responses. Subsequent to the submittal of these RAI responses, the NRC issued additional generic RAIs on the RBS Cyber Security Plan via Reference 5. Entergy's response to these RAIs is provided in Attachment 1.

Attachment 2 contains proposed marked-up operating license page for the Physical Protection license condition for RBS to include the RBS Cyber Security Plan. Attachment 3 contains the proposed revised operating license page. The marked-up page in Attachment 2 and the revised page in Attachment 3 replace, in their entirety, the pages previously submitted in Reference 1.

Attachment 6 provides a revised copy of the RBS Cyber Security Plan, Revision 0, which incorporates changes to Sections 2.1 "Scope and Purpose," 4.3 "Defense-In-Depth Protective Strategies," and 4.13 "Document Control and Records Retention and Handling." No other technical changes have been made to the RBS Cyber Security Plan. The enclosed RBS Cyber Security Plan replaces, in its entirety, the RBS Cyber Security Plan previously submitted in Reference 1. The changes discussed in this letter are clarifying or administrative and do not impact the conclusions of the no significant hazards consideration determination previously provided in Reference 1.

Entergy requests that Attachments 1, 4, and 6 which contain Security-Related Information (SRI), be withheld from public disclosure in accordance with 10 CFR 2.390.

The revised commitments contained in this submittal are summarized in Attachment 5. Should you have any questions concerning this letter, or require additional information, please contact David Lorfing at (225) 381-4157.

I declare under penalty of perjury that the foregoing is true and correct. Executed on April 4, 2011.

Sincerely,



JCR/dnl/wjf

- Attachments:
1. Response to Requests for Additional Information (contains SRI)
 2. Proposed RBS Operating License Changes (mark-up)
 3. Revised RBS Operating License Page
 4. Cyber Security Plan Implementation Schedule (contains SRI)
 5. List of Regulatory Commitments
 6. Revised RBS Cyber Security Plan (contains SRI)

~~This letter contains Security-Related Information~~ – Attachments 1, 4, and 6 are withheld from public disclosure per 10 CFR 2.390

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cc: Regional Administrator
U. S. Nuclear Regulatory Commission
Region IV
612 E. Lamar Blvd., Suite 400
Arlington, TX 76011-4125

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

U. S. Nuclear Regulatory Commission
Attn: Mr. Alan B. Wang, Project Manager
MS O-8 G14
One White Flint North
11555 Rockville Pike
Rockville, MD 20852

Mr. Jeffrey P. Meyers. (w/o Attachments 1, 4, and 6)
Louisiana Department of Environmental Quality
Office of Environmental Compliance
Attn. OEC - ERSD
P. O. Box 4312
Baton Rouge, LA 70821-4312

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withheld from public disclosure per 10 CFR 2.390~~

Attachment 2

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Proposed RBS Operating License Changes (mark-up)

- D. The licensee shall fully implement and maintain in effect all provisions of the Commission-approved physical security, training and qualification, and safeguards contingency plans including amendments made pursuant to the provisions of the Miscellaneous Amendments and Search Requirements revisions to 10 CFR 73.55 (51 FR 27817 and 27822) and to the authority of 10 CFR 50.90 and 10 CFR 50.54(p). The combined set of plans, which contain Safeguards Information protected under 10 CFR 73.21, is entitled: "Physical Security, Safeguards Contingency and Training & Qualification Plan," submitted by letter dated May 16, 2006.
- E. EOI shall fully implement in accordance with an NRC-approved implementation schedule and maintain in effect all provisions of the Commission-approved RBS Cyber Security Plan pursuant to 10 CFR 73.55(c)(6) and 10 CFR 73.54 (74 FR 13970) and to the authority of 10 CFR 50.90 and 10 CFR 50.54(p).
- EF. Except as otherwise provided in the Technical Specifications or Environmental Protection Plan, EOI shall report any violations of the requirements contained in Section 2, Items C.(1); C.(3) through (9); and C.(11) through (16) of this license in the following manner: initial notification shall be made within 24 hours to the NRC Operations Center via the Emergency Notification System with written followup within 60 days in accordance with the procedures described in 10 CFR 50.73(b), (c) and (e).
- FG. The licensee shall have and maintain financial protection of such type and in such amounts as the Commission shall require in accordance with Section 170 of the Atomic Energy Act of 1954, as amended, to cover public liability claims.
- GH. This license is effective as of the date of issuance and shall expire at midnight on August 29, 2025.

FOR THE NUCLEAR REGULATORY COMMISSION

Harold R. Denton, Director
Office of Nuclear Reactor Regulation

Enclosures:

- 1. Attachments 1-5
- 2. Appendix A - Technical Specifications (NUREG-1172)
- 3. Appendix B - Environmental Protection Plan
- 4. Appendix C - Antitrust Conditions

Date of Issuance: November 20, 1985

Revised: December 16, 1993

Amendment No. ~~70-79-85-119-135~~
~~Revised by letter dated October 28, 2004~~
~~Revised by letter dated November 19, 2004~~
~~Revised by letter dated January 24, 2007~~
Revised by letter dated

Attachment 3

RBG-47129

Revised RBS Operating License Page

- D. The licensee shall fully implement and maintain in effect all provisions of the Commission-approved physical security, training and qualification, and safeguards contingency plans including amendments made pursuant to the provisions of the Miscellaneous Amendments and Search Requirements revisions to 10 CFR 73.55 (51 FR 27817 and 27822) and to the authority of 10 CFR 50.90 and 10 CFR 50.54(p). The combined set of plans, which contain Safeguards Information protected under 10 CFR 73.21, is entitled: "Physical Security, Safeguards Contingency and Training & Qualification Plan," submitted by letter dated May 16, 2006.
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- F. Except as otherwise provided in the Technical Specifications or Environmental Protection Plan, EOI shall report any violations of the requirements contained in Section 2, Items C.(1); C.(3) through (9); and C.(11) through (16) of this license in the following manner: initial notification shall be made within 24 hours to the NRC Operations Center via the Emergency Notification System with written followup within 60 days in accordance with the procedures described in 10 CFR 50.73(b), (c) and (e).
- G. The licensee shall have and maintain financial protection of such type and in such amounts as the Commission shall require in accordance with Section 170 of the Atomic Energy Act of 1954, as amended, to cover public liability claims.
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Revised by letter dated

Attachment 5

RBG-47129

List of Regulatory Commitments

List of Regulatory Commitments

The following table identifies those actions committed to by Entergy in this document. Any other statements in this submittal are provided for information purposes and are not considered to be regulatory commitments.

COMMITMENT	TYPE (Check One)		SCHEDULED COMPLETION DATE (If Required)
	ONE- TIME ACTION	CONTINUING COMPLIANCE	
Entergy will implement milestones 1 through 7 described in Attachment 4.	X		December 31, 2012
Full implementation of RBS Cyber Security Plan for all safety, security, and emergency preparedness functions will be achieved.	X		December 15, 2014