

November 24, 2008

Mr. Thomas L. Williamson
Manager, GGNS COLA Project
Entergy Nuclear
1340 Echelon Parkway
Jackson, MS 39213

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION LETTER NO. 24 RELATED TO
SRP SECTION 14.2 FOR THE GRAND GULF COMBINED LICENSE
APPLICATION

Dear Mr. Williamson:

By letter dated February 27, 2008, Entergy Operations Incorporated (EOI) submitted for approval a combined license application pursuant to 10 CFR Part 52. The U.S. Nuclear Regulatory Commission (NRC) staff is performing a detailed review of this application to enable the staff to reach a conclusion on the safety of the proposed application.

The NRC staff has identified that additional information is needed to continue portions of the review. The staff's request for additional information (RAI) is contained in the enclosure to this letter. To support the review schedule, you are requested to respond within 30 days of the date of this letter. If changes are needed to the safety analysis report, the staff requests that the RAI response include the proposed wording changes.

If you have any questions or comments concerning this matter, I can be reached at 301-415-2890 or by e-mail at Andrea.Johnson@nrc.gov.

Sincerely,

/RA J. Hale for:/

Andrea M. Johnson, Project Manager
ESBWR/ABWR Projects Branch 1
Division of New Reactor Licensing
Office of New Reactors

Docket No. 052-0024

Enclosure:
Request for Additional Information

November 24, 2008

Mr. Thomas L. Williamson
Manager, GGNS COLA Project
Entergy Nuclear
1340 Echelon Parkway
Jackson, MS 39213

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SRP SECTION 14.2 FOR THE GRAND GULF COMBINED LICENSE
APPLICATION

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/RA J. Hale for:/
Andrea M. Johnson, Project Manager
ESBWR/ABWR Projects Branch 1
Division of New Reactor Licensing
Office of New Reactors

Docket No. 052-0024
Enclosure:
Request for Additional Information
Distribution:
PUBLIC
MTonacci, NRO
BAbeywickrama, NRO
AJohnson, NRO
EEagle, NRO

IJung, NRO
SBrock, OGC
NRO_DNRL_NGE2
NRO_DNRL_NGE1

ADAMS Accession No. ML083260639

NRO-002

OFFICE	ICE2/TR	ICE2/BC	NGE1/PM	OGC	NGE1/L-PM
NAME	EEagle	IJung	LPerkins	SBrock	MTonacci
DATE	09/11/08	10/21/08	10/29/08	11/12/08	11/20/08

*Approval captured electronically in the electronic RAI system.

OFFICIAL RECORD COPY

Grand Gulf, Unit 3 COLA
Entergy Operations, Inc.
Docket No. 52-024

SRP Section: 14.02 - Initial Plant Test Program - Design Certification and New License Applicants
Application Section: FSAR Section 14.2.9.1.3

QUESTIONS for Instrumentation, Controls and Electrical Engineering 2 (ESBWR/ABWR Projects) (ICE2)

14.02-5

10 CFR 30.53(C) requires testing of radiation detection and monitoring instruments. RG 1.68, Appendix A Section 1.K states that appropriate tests should be conducted to demonstrate the proper operation of systems and components used to monitor or measure radiation levels, provide for personnel protection or control or limit the release of radioactivity.

The "General Test Methods and Acceptance Criteria," in FSAR Section 14.2.9.1.3, does not adequately address radiation monitors and/or survey instruments with range selection. In FSAR Section 14.2.9.1.3, provide a bullet to address the proper functioning and operation of range selection and response in each range or justify your basis for not including it.