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Entergy Operations, Inc.
Waterloo Road
P.O. Box 756
Port Gibson, MS 39150
Tel 601 437 6299

Charles A. Bottemiller
Manager
Plant Licensing

SAFEGUARDS INFORMATION

GNRO-2005/00059

October 31, 2005

U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Attention: Document Control Desk

Subject: Response to NRC Request for Additional Information RE:
February 2002, Order Section B.5.b for Grand Gulf Nuclear
Station

Grand Gulf Nuclear Station
Unit 1
Docket No. 50-416
License No. NPF-29

- References:
1. February 25, 2005 letter from J. E. Dyer to Holders of Licenses for Operating Power reactors as Listed in Enclosure 1 (GNRI-2005/00044) *NRC Staff Guidance for Use in Achieving Satisfactory Compliance with February 25, 2002, Order Section B.5.b.*
 2. May 31, 2005 letter from M. A. Krupa to USNRC, Response to NRC Guidance Regarding Mitigation Strategies (GNRO-2005/00031)
 3. NRC Request for Additional Information RE: February 2002, Order Section B.5.b for Grand Gulf Nuclear Station

Dear Sir:

Grand Gulf Nuclear Station (GGNS) was requested to respond to Reference 1 and to implement appropriate enhancements to current mitigation strategies by August 31, 2005. Reference 2 provided the response which utilized the guidance developed and issued by the Nuclear Energy Institute ("NEI"), in conjunction with the NEI Security Working Group, for licensee use.

SAFEGUARDS INFORMATION

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In August 2005 GGNS received a request for additional information (RAI) (Reference 3), regarding our submittal of May 31, 2005. As requested a secure telephone conference was scheduled with the staff. Pursuant to the NRC request during that telephone conference, we are providing written responses to each of the questions contained in the NRC RAI.

Attachment 1 to this letter contains the responses to each RAI question.

There are no new commitments made in this letter.

If you have any questions, please contact me at (601)437-6299.

Yours truly,



CAB/RRJ

attachment:

Response to Request For additional Information RE: February
2002, Order Section B.5.b for GGNS

cc: see next page

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cc: NRC Senior Resident Inspector (w/o)
Grand Gulf Nuclear Station
Port Gibson, MS 39150

U. S. Nuclear Regulatory Commission
ATTN: Dr. Bruce S. Mallet (2 w/o)
Regional Administrator, Region IV
611 Ryan Plaza Drive, Suite 400
Arlington, TX 76011-4005

U. S. Nuclear Regulatory Commission
ATTN: Mr. Bhalchandra Vaidya, NRR/DLPM (2 w/o))
ATTN: ADDRESSEE ONLY
ATTN: U. S. Postal Delivery Address Only
Mail Stop OWFN/7D-1
Washington, DC 20555-0001

Mr. D. E. Levanway (Wise Carter)(w/o)
Mr. L. J. Smith (Wise Carter)(w/o)
Mr. N. S. Reynolds(w/o)
Mr. J. N. Compton(w/o)

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