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George A. Williams
Vice President - Operations
Grand Gulf Nuclear Station

July 01, 2003

U. S. Nuclear Regulatory Commission
Washington, DC 20555-0001

Attention: Document Control Desk

Subject: UFSAR Update for Grand Gulf Nuclear Station dated June 2003
Grand Gulf Nuclear Station
Docket No. 50-416
License No. NPF-29

Reference: NRC REGULATORY ISSUE SUMMARY 2001-05 GUIDANCE
ON SUBMITTING DOCUMENTS TO THE NRC BY
ELECTRONIC INFORMATION EXCHANGE OR ON CD-ROM

GNRO-2003/00040

Ladies and Gentlemen:

Pursuant to 10CFR50.71(e) and in accordance with the 10CFR50.4 exception granted by the above reference, Entergy Operations, Inc. hereby submits only one CD-ROM copy of the current Updated Final Safety Analysis Report (UFSAR). The UFSAR CD-ROM (electronic copy) is a complete copy of our 10CFR50 Appendix B (Section VI Document Control) Controlled Copy of the UFSAR and includes recent revisions. A file is included on the CD-ROM called "prindex.pdf" which is a page revision index. The page revision index identifies the current pages of the FSAR following page replacement. The page revision index has the changed pages highlighted in BLUE and BOLDED and is included as an aid for NRC reviewers.

GGNS now submits UFSAR updates on a more frequent basis than that required by 10CFR50.71(e). This change has been made to improve the timeliness of information provided to the NRC and to take advantage of recent changes made by the NRC in the area of electronic transmittal of information. Attachment 1 provides a detailed explanation of the CD-ROM technical details.

A053

This UFSAR update includes the designation of certain information as historical and the removal of certain redundant information pursuant to the guidance of NEI-98-03 Rev. 1 as endorsed by the NRC in Regulatory Guide 1.181. These changes are described in Attachment 2.

I hereby certify, to the best of my knowledge, information and belief, that the information provided in the attached UFSAR meets the requirements of 10CFR50.71(e) to update the UFSAR to reflect all changes to a maximum of six months prior to the date of this submittal. This letter does not contain any commitments.

Should you have any questions, please contact James Owens at 601-437-6219.

Yours truly,



GAW/JEO/jeo

attachments: 1. GGNS UFSAR CD-ROM TECHNICAL DETAILS
2. FSAR-only Changes

enclosure: One CD-ROM copy of the Complete 10CFR50 Appendix B Controlled Copy Updated Final Safety Analysis Report

cc:

Hoeg	T. L.	(GGNS Senior Resident)	(w/a)*
Levanway	D. E.	(Wise Carter)	(w/a)*
Reynolds	N. S.		(w/a)*
Smith	L. J.	(Wise Carter)	(w/a)*
Thomas	H. L.		(w/o)

* w/o enclosure

U.S. Nuclear Regulatory Commission ATTN: Mr. Thomas P. Gwynn Acting Regional Administrator 611 Ryan Plaza Drive, Suite 400 Arlington, TX 76011-4005
U.S. Nuclear Regulatory Commission ATTN: Mr. Bhalchandra Vaidya ATTN: FOR ADDRESSEE ONLY ATTN: U.S. Postal Delivery Address Only Mail Stop OWFN/7D-1 Washington, D.C. 20555-0001

July 01, 2003
GNRO-2003/00040

bcc:

OUTLOOK MAIL: DISTRIBUTION IS ALL ELECTRONIC

Ashley	G. R.	(ANO-NSAPL)	w/a
Green	R. L.	(GG-TRNG)	w/a
Bottemiller	C. A.	(GG-NSAPL)	w/a
Cotton	S. R.	(ANO-NSA)	w/a
Williams	G. A.	(GG-VP)	w/a
Edwards	J. B.	(GG-GMPO)	w/a
GGN CENTRAL FILE (10)			w/a
GGN PLANT LICENSING			w/a
King	R. J.	(RB-NSA)	w/a
Krupa	M. A.	(ECH-NSL)	w/a
Leavines	J. W.	(RB-NSAPL)	w/a
Ridgel	J. A.	(W3-NSAPL)	w/a
Roberts	J. C.	(GG-NSA)	w/a
Wiles	D. P.	(GG-ENG)	w/a

Note: enclosure not included

OTHER:

File (LRS_DOCS Directory - GNRI or GNRO)

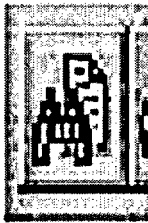
ATTACHMENT 1 TO GNRO-2003/00040

GGNS UFSAR CD-ROM TECHNICAL DETAILS

UFSAR CD-ROM TECHNICAL DETAILS

The UFSAR CD-ROM can be accessed directly from the CD-ROM or can be loaded on local area network for multi-user access. The following information is provided explaining the content of the CD-ROM:

- The file format chosen is PDF; however, two types PDF file formats are included: PDF ORIGINAL IMAGE with HIDDEN TEXT or PDF NORMAL. The majority file format used is PDF ORIGINAL IMAGE with HIDDEN TEXT. This means the document was created by scanning the original paper copy of the document. This PDF scanned image was further processed, using ADOBE ACROBAT, by performing an OCR (optical character recognition) of the scanned image to allow text search capability. The PDF scanned image of the UFSAR hardcopy is preserved and the OCR text is hidden behind the image. There are a couple of files on the CD-ROM that use the PDF NORMAL format. The PDF NORMAL file was electronically created using the word processing native file.
- The software used to view the UFSAR is located in the root directory of the CD-ROM and is ADOBE ACROBAT READER 3.01 or 4.05. The names of the files are "rs32e301.exe" or "rs405eng.exe" and it is self-executing file. When executed it will load a copy of ADOBE ACROBAT READER 3.01 on your hard drive. This will allow you to keyword search the entire UFSAR and view/print all PDF files on the CD-ROM. More information concerning free use of the supplied software is located at: <http://www.adobe.com/products/acrobat/readermain.html>.
- Once the reader is loaded, use the reader software to open the "START.PDF" file located on the CD-ROM. After the file is loaded, a picture of the Grand Gulf Nuclear Station site will be seen. Selecting the red box identified as Table of Contents on the opening screen will load the UFSAR Table of Contents. Each chapter can be accessed by selecting the highlighted box around the chapter name. If you wish to text search the entire UFSAR, select this icon:



- A help file is available on the CD-ROM called "help.pdf". It provides additional guidance on usage of the UFSAR CD-ROM.
- The CD-ROM UFSAR file structure is set-up to replicate the HARDCOPY books of the UFSAR, which includes tabbing and numbering of chapter and subchapters. Each subchapter is complete and includes all text, figures, and tables. This includes 8.5x11" and 11x17" sheets normally found in the HARDCOPY books.
- The UFSAR on the CD-ROM is setup such that it can be easily placed on a local area network by copying the entire "UFSARIMA" directory onto the network drive. Once on the network, ADOBE ACROBAT READER should be used to self load the file named "b1toc.pdf" file or "start.pdf" file.

- The UFSAR CD-ROM file structure is as follows:

Name	Size	Type	Modified
ch1toc	272KB	Adobe Acrob...	5/26/00 3:18 PM
ch1.9	294KB	Adobe Acrob...	1/27/99 6:51 PM
ch1.8	560KB	Adobe Acrob...	1/27/99 6:51 PM
ch1.7	1,582KB	Adobe Acrob...	1/27/99 6:50 PM
ch1.6	611KB	Adobe Acrob...	1/27/99 6:50 PM
ch1.5	301KB	Adobe Acrob...	1/27/99 6:50 PM
ch1.4	531KB	Adobe Acrob...	5/5/99 5:31 PM
ch1.3	1,119KB	Adobe Acrob...	5/30/00 2:08 PM
ch1.2	6,455KB	Adobe Acrob...	5/26/00 3:17 PM
ch1.10	829KB	Adobe Acrob...	5/26/00 3:17 PM
ch1.1	455KB	Adobe Acrob...	1/27/99 6:49 PM

- Each chapter can be directly accessed by using the reader software. This is advantageous if comparisons of different chapters are necessary.

ATTACHMENT 2 TO GNRO-2003/00040

FSAR-ONLY CHANGES (NEI-98-03)

NEI-98-03 FSAR CHANGES		
FSAR Page/Table/ Figure (Licensing Document Change Number)	98-03 Type of Change / Description of Change	Justification for Change
Page 7.7-56 (LDC 03028)	Removal of excessive detail Change UFSAR Section 7.7.10.3.4, 2 nd and 3 rd sentence to read: "Two flow range measurements are made, the low flow or normal plant operation range, and the high flow or startup range."	This change removes excessive detail regarding the specific spans of the offgas system instrumentation. These spans have changed, and may again change as instrumentation is upgraded, and the specific range/span information provides no additional understanding to the reader, nor does its removal change the intent or information presented in the passage in a manner that would affect the readers understanding of the system.

NRC SUBMITTAL REVIEW

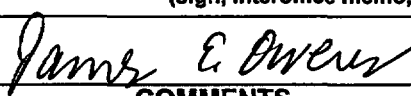
Letter # GNRO-2003/00040

Response Due: N/A

Subject: UFSAR UPDATE FOR GRAND GULF NUCLEAR STATION DATED JUNE 2003

Correspondence Preparer / phone #: James Owens /437-6219

SECTION I LETTER CONCURRENCE and AGREEMENT TO PERFORM ACTIONS (see Section III)

Responsible Department/Position	Concurrence (sign, interoffice memo, e-mail, or telecom)
NSA - PL	 COMMENTS

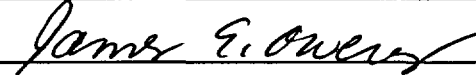

SECTION II CORRESPONDENCE SCREENING

Does this letter contain commitments? If "yes," identify the commitments with due dates in the submittal and in Section III.	Yes No	<input type="checkbox"/> X
Does this letter contain any information or analyses of new safety issues performed at NRC request or to satisfy a regulatory requirement? If "yes," reflect requirement to update the UFSAR in Section III.	Yes No	<input type="checkbox"/> X
Does this letter request NRC approval of a change that may/will require UFSAR, TS Bases, or other Licensing documents to be updated if approved? If "yes," reflect requirement to update the applicable Licensing document in Section III..	Yes No	<input type="checkbox"/> X
Does this letter require procedure changes, if approved? If "yes," indicate in Section III an action to determine affected procedures. (The Correspondence Preparer may indicate the specific procedures requiring revision, if known.)	Yes No	<input type="checkbox"/> X
Does this letter contain information certified accurate? If "yes," identify the information and document certification in an attachment. (Attachment 9.6 may be used.)	Yes No	<input type="checkbox"/> X

SECTION III ACTION ITEMS

Required Actions	Due Date	<u>RESPONSIBLE DEPARTMENT</u>
NOTE: Actions needed upon approval should be captured in the appropriate action tracking system.		
CERTIFICATION		PLANT LICENSING

SECTION IV FINAL DOCUMENT SIGNOFF FOR SUBMITTAL

Correspondence Preparer	
Final Peer Review (optional)	N/A
Responsible Dept. Head	

CERTIFICATION REFERENCE

Document Number: **GNRO-2003/00040**

Document Description/Title: **GNRO-2003/00040 – UFSAR UPDATE FOR GRAND GULF NUCLEAR STATION DATED: June 2003**

The LDCs listed below are included in this submittal and provide certification and technical justifications for each change.

Certifiable Statement(s): (Identify location in submittal adequate; e.g., page3, para2, sent1 OR paste in words of statement.)

ALL

Objective Evidence or Peer Review: (List pertinent documents and sections OR give basis for peer review. Indicate "N/A" if not used)

LDCs:

2000055	2000063	2001032
2001150	2001169	2001193
2002023	2002035	2002046
2002063	2002080	2002131
2002136	2002137	2002138
2002141	2002144	2002147
2002149	2002150	2002154
2003002	2003005	2003011
2003012	2003015	2003017
2003018	2003021	2003022
2003023	2003024	2003026
2003028	2003030	2003031
2003032	2003036	2003040

Preparer:

James E. Owens

NSA-Plant Licensing

July 01, 2003

Name

Department

Date

Peer Reviewer: (Indicate "N/A" if not used)

N/A

Name

N/A

Department

N/A

Date