



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION IV
1600 EAST LAMAR BLVD
ARLINGTON, TEXAS 76011-4511

February 11, 2013

Kevin Mulligan
Site Vice President Operations
Entergy Operations, Inc.
Grand Gulf Nuclear Station
P.O. Box 756
Port Gibson, MS 39150

SUBJECT: SUMMARY OF THE PUBLIC MEETING TO DISCUSS THE RESULTS OF THE
GRAND GULF NUCLEAR STATION LICENSE RENEWAL INSPECTION

Dear Mr. Mulligan:

This letter is in reference to the public meeting conducted in an open house format at the Port Gibson City Hall, on January 31, 2013, with members of the public. The participants discussed the overall license renewal process and provided the results of the license renewal inspection conducted at Grand Gulf Nuclear Station, as documented in Inspection Report 05000416/2012007 (ADAMS Accession #ML 12268A365).

The attendance list is enclosed with this summary marked as Enclosure 1. A copy of the NRC presentation handout that related to the license renewal inspection and was available during this open house meeting is also enclosed as Enclosure 2.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter, and its enclosures, will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records component of NRC's document system (ADAMS). ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

Should you have any questions concerning this matter, we will be pleased to discuss them with you.

Sincerely,

/RA/

Geoffrey Miller, Chief
Engineering Branch 2
Division of Reactor Safety

Docket: 50-483
License: NPF-30

K. Mulligan

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Enclosures:

1. Meeting Attendance
2. NRC Presentation

Distribution via ListServ for Grand Gulf Nuclear Station

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ROPreports

Only inspection reports to the following:
RIV/ETA: OEDO (John.Cassidy@nrc.gov)
DRS/TSB STA (Dale.Powers@nrc.gov)

File located: R:\REACTORS\GG\GG 2012007 MS LRI

ADAMS ML13042A188

ADAMS: <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes		<input checked="" type="checkbox"/> SUNSI Review Complete	Reviewer Initials: STG
		<input checked="" type="checkbox"/> Publicly Available	<input checked="" type="checkbox"/> Non-Sensitive
		<input type="checkbox"/> Non-publicly Available	<input type="checkbox"/> Sensitive
SRI:DRS/EB2	C:DRP/PBC		C:DRS/EB2
SGraves	DProulx		GMiller
/RA/	/RA/		/RA/
2/11/13	2/11/13		2/11/13

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Enclosure 1

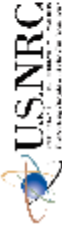
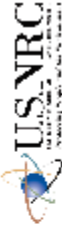
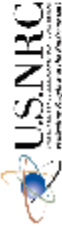
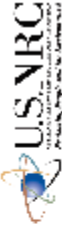
Meeting Attendance List

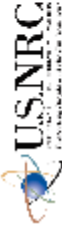
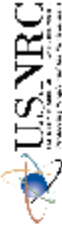
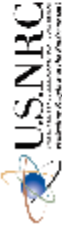
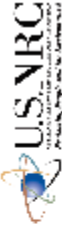
Grand Gulf Nuclear Station
License Renewal Inspection Results Meeting Attendance

Attendee	Affiliation
Christina Perino	Entergy
George H Walker	Citizen
Ji Young Wiley	LA DEQ
Mike Bowling	Entergy
Chris Winters	Entergy
Ted Ivy	Entergy
Clayton Smith	LA DEQ
J Brad Edwards	South MS Electric Power Association
Lisa Edwards	South MS Electric Power Association
B J Smith	MSDH/Radiological Health
Jeff Seiter	Entergy
Kevin Mulligan	Entergy
Tammy Rankin	Entergy
Jim Hedges	Entergy
Rev. Michael A White	Retired Alderman
Milton Chamblis	CCEDD
Jan Hillegas	Green Party of MS
Emma Crisler	Port Gibson Reveille

Enclosure 2

NRC Presentation Handout

 <p style="text-align: center;">Results of the License Renewal Inspection of Grand Gulf Nuclear Station</p> <p style="text-align: center;">January 31, 2013</p> <p style="text-align: right;">1</p>	 <p style="text-align: center;">Terms of License Renewal</p> <ul style="list-style-type: none"> • Atomic Energy Act <ul style="list-style-type: none"> – Prescribes initial 40 -year license – Allows for renewal of initial license • License renewal allows 20-year extension beyond current term (“<i>Period of Extended Operation</i>”) <ul style="list-style-type: none"> • By regulation, a license holder can apply for a renewed license 20 years before expiration of current license <p style="text-align: right;">http://www.nrc.gov/reading-rm/doc-collections/fact-sheets/license-renewal-bg.html</p> <p style="text-align: right;">2</p>
 <p style="text-align: center;">Changes Due to License Renewal</p> <ul style="list-style-type: none"> • Regulatory oversight remains the same during the period of extended operation • All existing plant-specific requirements remain in effect • Aging management requirements for passive, long-lived structures, systems, and components are added <p style="text-align: center;"><i>These additional NRC requirements are extended to many non-safety related structures, systems, and components</i></p> <p style="text-align: right;">3</p>	 <p style="text-align: center;">NRC License Renewal Process Overview</p> <ul style="list-style-type: none"> • The license renewal process is designed to ensure that the plant can safely operate during the period of extended operation. • The overall process includes both safety and environmental reviews, audits, and inspections. • There are also inspections which occur just before, and just after the applicant enters the period of extended operation. <p style="text-align: right;">4</p>

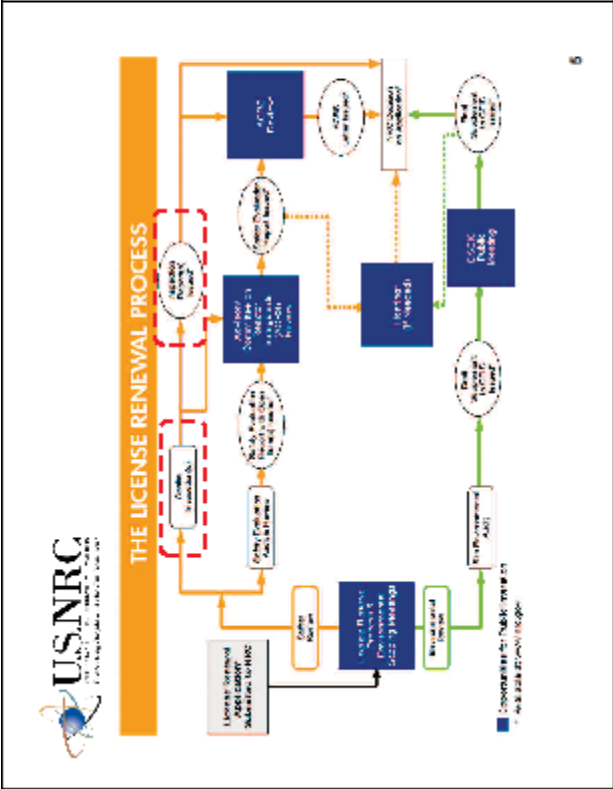
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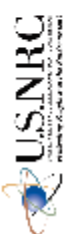
GRAND GULF APPLICATION UPDATED SAFETY REVIEW SCHEDULE

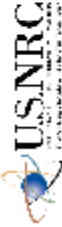
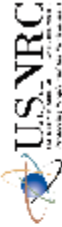
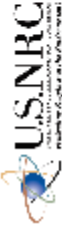
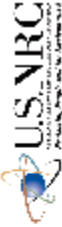
Milestones	Schedule Date	Actual Date
Receive license renewal application (LRA)	11/05/11	11/05/11
Audit – Scoping & Screening Methodology	01/09/12	01/09/12
Audit – Aging Management Programs	01/23/12	01/23/12
Public Meeting – License Renewal Overview and Environmental Scoping meeting	01/31/12	01/31/12
Audit – Environmental	03/28/12	03/28/12
Inspection – Regional	04/02/12	04/02/12
Issue safety evaluation report (SER) with open items	04/02/13	
Advisory Committee on Reactor Safeguards (ACRS) Subcommittee meeting	04/02/13	
Issue draft supplemental environmental impact statement (SEIS) meeting	04/02/13	
End of draft SEIS comment period	07/02/13	
Issue final SER	04/02/13	
ACRS full committee meeting	04/02/13	
Issue final SEIS	04/02/13	
U.S. Environmental Protection Agency FRN Published – availability of final SEIS	TBD	
Decision – Director NRC (on hearing)	TBD	
Commission decision (if hearing is granted)	TBD	

See NRC website for current scheduling information



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- ### Regional Inspection
- Five engineering inspectors on site for 2 weeks
 - Scoping & Screening inspection
 - Aging Management Programs inspection
 - Seven new programs reviewed
 - Seventeen existing programs reviewed
 - In-Depth System Reviews
 - Standby Service Water system
 - Reactor Core Isolation Cooling system

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- ### Regional Inspection
- Regional inspectors performed on-site reviews of the applicant's:
- New and existing aging management programs (AMPs);
 - Processes used for determining what systems, structures and components to monitor and why (Scoping and Screening);
- 7

 <p>Inspection Results</p> <p>Inspection Report 05000416/2012007</p> <p>Regional inspection concluded that there was reasonable assurance that appropriate actions had been identified to manage the effects of aging.</p> <p style="text-align: right;">9</p>	 <p>Inspection Conclusions</p> <ul style="list-style-type: none"> • Scoping of non-safety SSCs and application of the AMPs to those SSCs were acceptable • Reasonable assurance exists that aging effects will be managed and the intended functions maintained <p style="text-align: right;">10</p>
 <p>License Renewal Contacts</p> <ul style="list-style-type: none"> • Geoffrey Miller, Branch Chief, Region IV (817) 200-1137 • Greg Pick, License Renewal Project Manager, Region IV, (817) 200-1270 • Nathaniel Ferrer, Project Manager-Safety (NRR), (301) 415-1045 • David Drucker, Sr. Project Manager-Environmental (NRR), (301) 415-6223 <p style="text-align: right;">11</p>	 <p>License Renewal References</p> <ul style="list-style-type: none"> • <u>Grand Gulf License Renewal Website</u> <ul style="list-style-type: none"> - http://www.nrc.gov/reactors/operating/licensing/renewal/applications/gg1.html • <u>Inspection Report</u> <ul style="list-style-type: none"> - 05000416/2012007 [ML12268A365] • <u>Reactor License Renewal Brochure</u> <ul style="list-style-type: none"> - http://www.nrc.gov/reading-rm/doc-collections/nuregs/brochures/br0291/br0291-r2.pdf <p style="text-align: right;">12</p>



License Renewal References

- License Renewal Fact Sheet
 - <http://www.nrc.gov/reading-rm/doc-collections/fact-sheets/fs-reactor-license-renewal.pdf>
- Frequently Asked Questions on License Renewal (NUREG-1850)
 - http://www.nrc.gov/reading-rm/doc-collections/nuregs/staff/sr1850/sr1850_faq_lr.pdf