



Entergy Operations, Inc.
P. O. Box 756
Port Gibson, MS 39150

Kevin Mulligan
Site Vice President
Grand Gulf Nuclear Station
Tel. (601) 437-7500

GNRO-2014/00025

March 12, 2014

U.S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, DC 20555-0001

SUBJECT: Draft Plant-Specific Supplement 50 to the Generic Environmental Impact Statement for License Renewal of Nuclear Plants Regarding Grand Gulf Nuclear Station, Unit 1
Grand Gulf Nuclear Station, Unit 1
Docket No. 50-416
License No. NPF-29

Dear Sir or Madam:

Based on telephone conversation with Mr. David Drucker and Mr. Bill Ford of your staff on February 25, 2014, Entergy Operations, Inc. is voluntarily providing, in Attachment 1, site groundwater tritium results for the calendar year 2013 to facilitate Staff's efforts in finalizing the Plant-Specific Supplement 50 to the Generic Environmental Impact Statement (GEIS) for License Renewal of Nuclear Plants Regarding Grand Gulf Nuclear Station, Unit 1.

This letter contains no new commitments. If you have any questions or require additional information, please contact Richard Sumrall at 601-437-2115.

I declare under penalty of perjury that the foregoing is true and correct. Executed on the 12th day of March, 2014.

Sincerely,

A handwritten signature in black ink, appearing to read "Kevin Mulligan", with a long, wavy underline.

KJM/jas

Attachment: Grand Gulf Nuclear Station 2013 Groundwater Tritium Results

cc: (see next page)

cc: with Attachment

Mr. John P. Boska, Project Manager
Plant Licensing Branch I-1
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
Mail Stop O-8-C2
Washington, DC 20555-0001

Mr. David Drucker, NRR/DLR
U.S. Nuclear Regulatory Commission
Mail Stop OWFN/ 11 F1
Washington, DC 20555-0001

cc: without Attachment

U.S. Nuclear Regulatory Commission
ATTN: Mr. Steven Reynolds
Acting Regional Administrator, Region IV
1600 East Lamar Boulevard
Arlington, TX 76011-4511

U.S. Nuclear Regulatory Commission
ATTN: Mr. A. Wang, NRR/DORL
Mail Stop OWFN/8 G14
Washington, DC 20555-0001

U.S. Nuclear Regulatory Commission
ATTN: Mr. John Daily, NRR/DLR
Mail Stop OWFN/11 F1
Washington, DC 20555-0001

NRC Senior Resident Inspector
Grand Gulf Nuclear Station
Port Gibson, MS 39150

Attachment 1 to

GNRO-2014/00025

Grand Gulf Nuclear Station 2013 Groundwater Tritium Results

Grand Gulf Nuclear Station				
2013 Groundwater Tritium Results (in pCi/L)				
Location	February 2013	May 2013	August 2013	November/December2013
DW-01	10,070	7,523	7,236	2,411
DW-07	9,035	9,106	7,937	5,461
DW-08	*	*	<532	*
MW-01	<535	<572	<540	<514
MW-100B	*	*	*	<421
MW-101B	*	*	*	<508
MW-102B	*	*	*	<480
MW-103B	<520	*	*	<510
MW-104B	<522	*	*	<500
MW-105B	1,107	<569	495	766
MW-106B	<526	<560	<552	<497
MW-107B	2,822	1,590	1,780	1,334
MW-108B	1,235	845	1,083	1,560
MW-109B	977	543	705	1,094
MW-110B	<521	<578	<546	<510
MW-111B	10,120	2,497	1,480	1,137
MW-112B	<501	<371	<534	<509
MW-113B	<527	*	*	<423
MW-114B	2,684	1,238	3,984	2,983
MW-115B	3,087	2,254	978	583
MW-116B	<537	<513	<531	<505
MW-118B	1,159	1,831	1,156	719
MW-119B	*	*	*	<500
MW-120B	*	<560	<554	<424
MW-121B	*	*	*	<504
OW-209B	2,538	1,144	<517	639
SW-103A	<525	<576	<556	<505
MW-1007C	*	*	*	<516
MW-1009C	*	*	*	<511
MW-1012C	*	*	*	<518
MW-1020C	*	*	*	<516
MW-1024C	*	*	*	<426
MW-1027C	*	*	*	<438
MW-1042C	*	*	*	<517
MW-1082C	*	*	*	<495
MW-1134C	*	*	*	<495
P-5	*	*	*	<516

* Not Sampled