



Entergy Nuclear Operations, Inc.
Vermont Yankee
320 Governor Hunt Road
Vernon, Vermont 05354
Tel: (802) 257-7711

Christopher J. Wamser
Site Vice President

BVY 13-059

June 26, 2013

U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
11555 Rockville Pike
Rockville, MD 20852

SUBJECT: Commitment for Implementation of Multi-source
Dose Assessment Capability
Vermont Yankee Nuclear Power Station
Docket No. 50-271
License No. DPR-28

REFERENCE: Nuclear Energy Institute (NEI) letter (J. E. Pollock) to NRC, (J. T. Wiggins), *Commitment for Implementation of Multi-Unit Dose Assessment Capability*, dated March 14, 2013

Dear Sir or Madam:

This letter provides information regarding multi-source dose assessment capability for Vermont Yankee (VY) in response to the referenced communication from NEI.

The Emergency Response Organization at VY currently uses the Off-site Dose Projection System (ODPS) in the Control Room and the Meteorological Plume Assessment Computer (METPAC) in the Emergency Operations Facility for modeling offsite dose assessments. These computer programs are used to estimate the dose consequences in the emergency response sectors for input parameters (source term, meteorological conditions, etc.) based on a single release point. In the event of a scenario with concurrent releases from more than one release point, separate dose analysis runs can be performed with METPAC using the applicable data inputs for each release point. The results of the separate dose consequence analyses can be combined manually to provide an estimate of total dose consequence. Instructions for performing this type of analysis are provided in the dose assessment emergency response procedure (OP 3513, *Evaluation of Off-site Radiological Conditions*).

Consistent with the referenced letter, Entergy Nuclear Operations, Inc. plans to implement a new computer program at VY that has the capability to perform a multi-source dose consequence analysis. This new software program is identified as a regulatory commitment with a completion date of not later than December 31, 2014.

A001
MRL

This letter contains a new regulatory commitment which is identified in the attachment.

Should you have any questions concerning the content of this letter, please contact Mr. Robert J. Wanczyk at (802) 451-3166.

Sincerely,



CJW/JTM

Attachment: List of Regulatory Commitments

cc: Mr. William M. Dean
Regional Administrator
U. S. Nuclear Regulatory Commission, Region I
2100 Renaissance Blvd., Suite 100
King of Prussia, PA 19406-2713

U. S. Nuclear Regulatory Commission
Attn: Director, Office of Nuclear Reactor Regulation
One White Flint North
11555 Rockville Pike
Rockville, MD 20852

NRC Senior Resident Inspector
Vermont Yankee

U. S. Nuclear Regulatory Commission
Attn: Mr. Richard Guzman
Mailstop - O8C2A
11555 Rockville Pike
Rockville, MD 20852-2378

Mr. Christopher Recchia, Commissioner
VT Department of Public Service
112 State Street – Drawer 20
Montpelier, VT 05620-2601

U. S. Nuclear Regulatory Commission
ATTN: J. T. Wiggins
Director Nuclear Security and Incident Response
Mailstop - 4D22A
11555 Rockville Pike
Rockville, MD 20852-2378

List of Regulatory Commitments

The following table identifies those actions committed to by Entergy Nuclear Operations, Inc. in this document. Any other statements in this submittal are provided for information purposes and are not considered to be regulatory commitments.

COMMITMENT	TYPE (Check One)		SCHEDULED COMPLETION DATE (If Required)
	ONE- TIME ACTION	CONTINUING COMPLIANCE	
Entergy Nuclear Operations, Inc. plans to implement a new computer program at VY that has the capability to perform a multi-source dose consequence analysis.	X		December 31, 2014