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Jeremy G. Browning
Vice President, Operations
Arkansas Nuclear One

OCAN061302

June 27, 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
Arkansas Nuclear One – Units 1 and 2
Docket Nos. 50-313 and 50-368
License Nos. DPR-51 and NPF-6

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 (ML13073A522)

Dear Sir or Madam:

This letter provides information regarding multi-source dose assessment capability for Arkansas Nuclear One (ANO) in response to the referenced communication from NEI.

The Emergency Response Organization at ANO currently uses the Unified RASCAL (Radiological Assessment System for Consequence Analysis) Interface (URI) computer program for modeling offsite dose assessments. This computer program is used to estimate the dose consequences in the emergency response sectors using input parameters (source term, meteorological conditions, etc.). In the event of a scenario with concurrent releases from more than one release point, individual isotopic group release rates can be combined into a total for each isotopic group release rate before running dose projections or dose projections can be run for each release pathway and end results combined. Instructions for performing this type of analysis are provided in the ANO dose assessment emergency response procedure.

Consistent with the referenced letter, Entergy Operations, Inc. plans to transition to URI Version 2 (URI-2), which provides for an improved capability for multi-source dose consequence analysis. This transition to URI-2 is identified as a regulatory commitment with a completion date of not later than December 31, 2014.

This letter contains a new regulatory commitment which is identified in the attachment. Please address any comments or questions regarding this matter to Stephenie Pyle at 479.858.4704.

Sincerely,

Original signed by Jeremy G. Browning

JGB/nbm

Attachment: List of Regulatory Commitments

cc: Mr. Arthur T. Howell
Regional Administrator
U. S. Nuclear Regulatory Commission, Region IV
1600 East Lamar Boulevard
Arlington, TX 76011-4511

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
Arkansas Nuclear One
P.O. Box 310
London, AR 72847

U. S. Nuclear Regulatory Commission
Attn: Mr. Kaly Kalyanam
One White Flint North – Mailstop O-8 B1
11555 Rockville Pike
Rockville, MD 20852-2378

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

Attachment to

OCAN061302

List of Regulatory Commitments

List of Regulatory Commitments

The following table identifies those actions committed to by Entergy 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	
Consistent with the referenced letter, Entergy Operations, Inc. plans to transition to the Unified Radiological Assessment System for Consequence Analysis Interface Version 2 computer program, which provides for an improved capability for multi-source dose consequence analysis.	X		December 31, 2014