



**UNITED STATES  
NUCLEAR REGULATORY COMMISSION**  
WASHINGTON, D.C. 20555-0001

April 2, 2014

The Licensees of Operating Power Reactors  
on the Enclosed List

**SUBJECT: ACKNOWLEDGEMENT OF LICENSEE DOSE ASSESSMENT SUBMITTALS  
ASSOCIATED WITH NEAR-TERM TASK FORCE RECOMMENDATION 9.3  
RELATED TO THE FUKUSHIMA DAI-ICHI NUCLEAR POWER PLANT  
ACCIDENT: USE OF MANUAL CALCULATIONS**

In the U.S. Nuclear Regulatory Commission's (NRC's) Near-Term Task Force (NTTF) Report, "Recommendations for Enhancing Reactor Safety in the 21st Century," issued July 12, 2011 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML111861807), the NTTF recommended that an order be issued requiring licensees to develop and add guidance to their emergency plan regarding how to perform multi-unit dose assessments. The Fukushima Dai-ichi accident highlighted the importance of the availability of a multi-unit dose assessment capability in responding to a similar event. By letter dated February 27, 2013 (ADAMS Accession No. ML13029A632), NRC staff requested that the Nuclear Energy Institute (NEI) provide additional information on the number of sites that currently have multi-unit dose assessment capabilities, and the date by which all sites will have these capabilities. By letter dated March 14, 2013 (ADAMS Accession No. ML13073A522), NEI informed the staff that each licensee would provide, to the NRC, their multi-unit and/or multi-source dose assessment capabilities no later than June 30, 2013.

By letters dated in June 2013, you provided a submittal to the NRC regarding multi-unit and/or multi-source dose assessment capabilities. On September 5, 2013, the NRC staff conducted a teleconference with you regarding a generic technical issue (ADAMS Accession No. ML13266A407) contained in your initial submittal. The NRC staff identified that manual calculations appeared to be the interim and permanent multi-unit/multi-source dose assessment capability, rather than a fully automated permanent capability. The NRC staff communicated the expectation that licensees should have a fully automated multi-unit/multi-source dose assessment process rather than relying on manual calculation. By letters dated in October 2013, you supplemented your submittal to implement new/modified software that will ensure automated multi-unit/multi-source dose assessment capability by December 31, 2014 without a reliance on the use of manual calculations.

The NRC staff reviewed the supplemented information, and noted that the combined initial and supplemental responses provided: a summary of your current capabilities to perform multi-unit and/or multi-source dose assessments; and the anticipated schedule with due dates to establish it on an interim and/or permanent basis (if these are not current capabilities), with a final implementation date for permanent multi-unit and/or multi-source dose assessment capabilities that did not exceed December 31, 2014. In reviewing these capabilities, the NRC staff considered whether your automated computer program would demonstrate the ability to model offsite dose assessment conducive to developing Protective Action Recommendations.

The NRC staff expects that, as part of the implementation of these new dose assessment capabilities, an appropriate level of site procedures and training will be provided to ensure adequate integration and licensee staff familiarity. NRC staff will verify the implementation of these dose assessment capabilities through the inspection program.

Should you have any questions regarding this letter, please contact Brian Harris at (301) 415-2277.

Sincerely,

A handwritten signature in black ink that reads "Michele G. Evans". The signature is written in a cursive style with a large, stylized 'M' and 'E'.

Michele G. Evans, Director  
Division of Operating Reactor Licensing  
Office of Nuclear Reactor Regulation

Enclosures:

1. List of Operating Power Reactor Licensees
2. Table of Licensee Submittals

cc: Additional Distribution via listserv

## Operating Power Reactors

### Catawba Nuclear Station

Duke Energy Carolinas, LLC  
Docket Nos. 50-413 and 50-414  
License Nos. NPF-35 and NPF-52

Mr. Kelvin Henderson  
Site Vice President  
Duke Energy Carolinas, LLC  
Catawba Nuclear Station  
4800 Concord Road  
York, SC 29745

### William B. McGuire Nuclear Station

Duke Energy Carolinas, LLC  
Docket Nos. 50-369 and 50-370  
License Nos. NPF -9 and NPF-17

Steven D. Capps  
Duke Energy Carolinas, LLC  
McGuire Nuclear Station  
12700 Hagers Ferry Road  
Huntersville, NC 28078-8985

### Oconee Nuclear Station

Duke Energy Carolinas, LLC  
Docket Nos. 50-269, 50-270 and 50-287  
License Nos. DPR-38, DPR-47 and  
DPR-55

Mr. Scott Batson  
Vice President, Oconee Nuclear Station  
Duke Energy Corporation  
7800 Rochester Highway  
Seneca, SC 29672

### Point Beach Nuclear Plant

NextEra Energy Point Beach, LLC  
Docket Nos. 50-266 and 50-301 50-296  
License Nos. DPR-24 and DPR-27

Mr. Eric McCartney  
Site Vice President  
NextEra Energy Point Beach, LLC  
6610 Nuclear Road  
Two Rivers, WI 54241-9516

### River Bend Station

Entergy Operations, Inc.  
Docket No. 50-458  
License No. NPF-47

Vice President, Operations  
Entergy Operations, Inc.  
River Bend Station  
5485 U.S. Highway 61N  
St. Francisville, LA 70775

### St. Lucie Plant

Florida Power and Light Company  
Docket Nos. 50-335 and 50-389  
License Nos. DPR-67 and NPF-16

Mr. Mano Nazar  
NextEra Energy  
P. O. Box 14000  
700 Universe Boulevard  
Juno Beach, FL 33408-0420

### Turkey Point

Florida Power and Light Company  
Docket Nos. 50-250 and 50-251  
License Nos. DPR-31 and DPR-41

Mr. Mano Nazar  
NextEra Energy  
P. O. Box 14000  
Juno Beach, FL 33408-0420

**Table of Licensee Submittals**

<b>Plant</b>	<b>Initial Submittal</b>	<b>Supplemental Response</b>
Catawba	ML13190A316	ML13304B425
McGuire	ML13190A316	ML13304B425
Oconee	ML13190A316	ML13304B425
Point Beach	ML13178A105	ML13289A107
River Bend	ML13190A473	ML13308A310
St. Lucie	ML13190A357	ML13302A933
Turkey Point	ML13183A073	ML13295A223

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Should you have any questions regarding this letter, please contact Brian Harris at (301) 415-2277.

Sincerely,

**/RA/**

Michele G. Evans, Director  
Division of Operating Reactor Licensing  
Office of Nuclear Reactor Regulation

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See next page

**ADAMS Accession No. ML14080A358**

OFFICE	NRR/JLD/PMB	NRR/JLD/ LA	NRR/JLD/PMB	NRR/JLD/PMB	NRR/DORL
NAME	BHarris	SLent	MMitchell	BHarris	MEvans
DATE	03/21/14	03/21/14	03/24/14	03/24/14	04/02/14

**OFFICIAL RECORD COPY**

Letter from Michele G. Evans to the Operating Power Reactor Plants on the Enclosed List dated April 2, 2014.

SUBJECT: ACKNOWLEDGEMENT OF LICENSEE DOSE ASSESSMENT SUBMITTALS  
ASSOCIATED WITH NEAR-TERM TASK FORCE RECOMMENDATION 9.3  
RELATED TO THE FUKUSHIMA DAI-ICHI NUCLEAR POWER PLANT  
ACCIDENT: USE OF MANUAL CALCULATIONS

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LPL2-1 R/F	RidsNrrDorlLpl4-1	RidsNrrPMPPoint Beach
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