



SCOTT L. BATSON
Vice President
Oconee Nuclear Station

Duke Energy
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ONS-2014-056

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April 11, 2014

10 CFR 50.90

U. S. Nuclear Regulatory Commission
ATTN: Document Control Desk
11555 Rockville Pike
Rockville, MD 20852-2746

Duke Energy Carolinas, LLC
Oconee Nuclear Station (ONS), Units 1, 2, and 3
Docket Numbers 50-269, 50-270, and 50-287,
Renewed Operating Licenses DPR-38, DPR-47, and DPR-55

Subject: License Condition for the Unit 3 High Energy Line Break (HELB); License Amendment Request (LAR) 2008-07; Supplement 10

As part of a HELB LAR submittal dated December 16, 2011, Duke Energy Carolinas, LLC (Duke Energy) committed to the implementation of a Protected Service Water (PSW) system. This LAR has subsequently been supplemented by Duke Energy letters dated January 20, 2012, March 1 and 16, 2012, July 11 and 20, 2012, August 31, 2012, November 2, 2012, April 5, 2013, June 28, 2013, August 7, 2013, December 18, 2013, February 14, 2014, and April 3, 2014.

Recently there have been phone discussions and Request for Information (RAI) response correspondence between the Staff and Duke Energy regarding seismic qualification and design basis requirements for the PSW building (primarily RAI item 141). As such, and as previously discussed with the Staff, in order to support the completion of a PSW Safety Evaluation, Duke Energy proposes the following Licensing Condition "I":

Duke Energy Carolinas, LLC (Duke Energy) shall perform a seismic probabilistic risk assessment (SPRA) which includes the Protected Service Water (PSW) system, in accordance with the Electric Power Research Institute (EPRI) Report No. 1025287, "Seismic Evaluation Guidance: Screening, Prioritization and Implementation Details (SPID) for the Resolution of Fukushima Near-Term Task Force Recommendation 2.1: Seismic," (i.e., the SPID report, November 2012) for the Oconee Nuclear Station (ONS). Duke Energy shall expand the Seismic Equipment List (SEL) to include the PSW system.

Attachments 1 and 2 contain the marked-up and reprinted pages for the ONS Units 1, 2, and 3 Renewed Facility Operating Licenses.

ADD /
LRR


The aforementioned License Condition does not impact the conclusions of the No Significant Hazards Consideration or Environmental Evaluation included in the December 16, 2011, HELB LAR.

Pursuant to 10 CFR 50.91, a copy of this proposed license amendment is being sent to the State of South Carolina.

If you have any questions in regard to this letter, please contact Stephen C. Newman, Regulatory Affairs Lead Engineer, Oconee Nuclear Station, at (864) 873-4388 or Timothy D. Brown, PSW Licensing Manager at (864) 873-3952.

I declare under penalty of perjury that the foregoing is true and correct. Executed on April 11, 2014.

Sincerely,



Scott L. Batson
Vice President
Oconee Nuclear Station

Attachments:

1. Marked-up pages (Renewed Facility Operating Licenses for Units 1, 2, and 3)
2. Reprinted pages (Renewed Facility Operating Licenses for Units 1, 2, and 3)

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cc: (w/attachments)

Mr. James R. Hall, Senior Project Manager

(by electronic mail only)

U. S. Nuclear Regulatory Commission

Office of Nuclear Reactor Regulation, Mailstop: O-8B1

11555 Rockville Pike

Rockville, MD 20852

Mr. Victor M. McCree, Administrator, Region II

U.S. Nuclear Regulatory Commission

Marquis One Tower

245 Peachtree Center Ave., NE, Suite 1200

Atlanta, GA 30303-1257

Mr. Eddy Crowe

NRC Senior Resident Inspector

Oconee Nuclear Station

Ms. Susan E. Jenkins, Manager

Radioactive & Infectious Waste Management

SC Dept. of Health and Environmental Control

2600 Bull St.

Columbia, SC 29201

Attachment 1

Marked-up pages

Renewed Facility Operating Licenses for ONS Units 1, 2, and 3

- (b) Operations to mitigate fuel damage considering the following:
 - 1. Protection and use of personnel assets
 - 2. Communications
 - 3. Minimizing fire spread
 - 4. Procedures for implementing integrated fire response strategy
 - 5. Identification of readily-available pre-staged equipment
 - 6. Training on integrated fire response strategy
 - 7. SFP mitigation measures
- (c) Actions to minimize release to include consideration of:
 - 1. Water spray scrubbing
 - 2. Dose to onsite responders

I. Protected Service Water System Seismic Assessment License Condition

Duke Energy Carolinas, LLC (Duke Energy) shall perform a seismic probabilistic risk assessment (SPRA) which includes the Protected Service Water (PSW) system, in accordance with the Electric Power Research Institute (EPRI) Report No. 1025287, "Seismic Evaluation Guidance: Screening, Prioritization and Implementation Details (SPID) for the Resolution of Fukushima Near-Term Task Force Recommendation 2.1: Seismic." (i.e., the SPID report, November 2012) for the Oconee Nuclear Station (ONS). Duke Energy shall expand the Seismic Equipment List (SEL) to include the PSW system.

- 4. This renewed license is effective as of the date of issuance and shall expire at midnight on February 6, 2033.

FOR THE NUCLEAR REGULATORY COMMISSION

Original signed by Roy P. Zimmerman

Roy Zimmerman, Acting Director
Office of Nuclear Reactor Regulation

Attachment:

1) Appendix A - Technical Specifications Renewed License No. DPR-38

Date of Issuance May 23, 2000

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Roy P. Zimmerman, Acting Director
Office of Nuclear Reactor Regulation

Attachment:

- 1) Appendix A - Technical Specifications Renewed License No. DPR-47

Date of issuance: May 23, 2000

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FOR THE NUCLEAR REGULATORY COMMISSION

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Roy P. Zimmerman, Acting Director
Office of Nuclear Reactor Regulation

Attachment:

1) Appendix A - Technical Specifications Renewed License No. DPR-55

Date of issuance: May 23, 2000

Attachment 2

Reprinted pages

Renewed Facility Operating Licenses for ONS Units 1, 2, and 3

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Roy Zimmerman, Acting Director
Office of Nuclear Reactor Regulation

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Date of Issuance May 23, 2000

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