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December 29, 2014
GO2-14-178

U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
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**Subject: COLUMBIA GENERATING STATION, DOCKET NO. 50-397
ENERGY NORTHWEST'S REVISED DATE FOR PERMANENT
CAPABILITY TO PERFORM OFFSITE DOSE ASSESSMENT DURING AN
EVENT INVOLVING MULTIPLE RELEASE SOURCES**

- Reference:
- 1) Letter dated February 27, 2013, from JT Wiggins (NRC) to JE Pollock (NEI) Requesting Information related to Multi-Unit Dose Assessment Capability
 - 2) Letter dated March 14, 2014, JE Pollock (NEI) to JT Wiggins (NRC), "Commitment for Implementation of Multi-Unit Dose Assessment Capability"
 - 3) Letter, GO2-13-091, dated June 28, 2013, DA Swank (Energy Northwest) to NRC, "Energy Northwest's Response to Request for Information Regarding the Capability to Perform Offsite Dose Assessment during an Event Involving Multiple Release Sources"
 - 4) Letter dated January 29, 2014, NRC to Licensees of Operating Power Reactors on the Enclosed List, "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"

Dear Sir or Madam:

In Reference 1, the Nuclear Regulatory Commission (NRC) requested additional detailed information regarding licensees' site-specific current or planned multi-unit dose assessment capabilities. In Reference 2, the Nuclear Energy Institute (NEI) notified the NRC that licensees would provide the requested detailed information directly to the NRC via letter. Reference 2 also identified the scope of the detailed information that would be provided. The requested information for Columbia Generating Station was provided in Reference 3. In Reference 4, the NRC noted that licensees "have multi-unit and/or multi-source dose assessment capabilities or will have these capabilities by December 31, 2014."

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In Reference 3, Energy Northwest described two planned actions: 1) modify the existing Emergency Dose Projection System (EDPS) and Quick Emergency Dose Projection System (QEDPS) dose assessment computer programs to allow for a separate spent fuel pool source dose calculation in addition to the reactor core source dose calculation, and 2) deploy the next generation URI/RASCAL software containing this capability. The first action has been completed and provides the capability to perform offsite dose assessment during an event involving multiple release sources.

However, this software requires that the individual dose assessment results be manually summed to determine a total offsite dose assessment result and, as such, does not represent the permanent (final) capability. In Reference 3, Energy Northwest stated that the permanent capability was expected to be in place no later than December 31, 2014. Energy Northwest is unable to complete this action by the original due date. Energy Northwest has developed a recovery plan and schedule and now expects to implement the URI/RASCAL software by May 30, 2015.

Attachment 1 contains the regulatory commitment as documented herein. If you have any questions or require additional information, please contact Ms. L. L. Williams at (509) 377-8148.

Executed on the 29th day of December, 2014.

Respectfully,



A. L. Javorik
Vice President, Engineering

Attachment: As stated

cc: NRC Region IV Administrator
NRC NRR Project Manager
NRC Senior Resident Inspector/988C
CD Sonada – BPA/1399 (email)

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Attachment 1

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List of Commitments

The following table identifies the regulatory commitments in this document. Any other statements in this submittal of intended or planned actions are provided for information purposes and are not considered to be regulatory commitments.

Commitment	Scheduled Completion Date
Deploy the next generation URI/RASCAL software containing the capability to allow for a separate spent fuel pool source dose calculation in addition to the reactor core source dose calculation.	5/30/15