

September 8, 2017

Mr. Sam Shakir
President and CEO
AREVA Nuclear Materials, LLC
1155 F. Street, NW, 8th Floor
Washington, DC 20004

SUBJECT: CLOSURE OF GENERIC LETTER 2015-01, "TREATMENT OF NATURAL PHENOMENA HAZARDS IN FUEL CYCLE FACILITIES," FOR THE AREVA EAGLE ROCK FACILITY

Dear Mr. Shakir:

On June 22, 2015, the U.S. Nuclear Regulatory Commission (NRC) issued Generic Letter (GL) 2015-01, "Treatment of Natural Phenomena Hazards in Fuel Cycle Facilities" (Agencywide Documents Access and Management System [ADAMS] Accession Number ML14328A029). The GL-2015-01 was issued for two purposes: (1) to request that addressees submit information to demonstrate compliance with regulatory requirements and applicable license conditions regarding the treatment of natural phenomena events in the facilities' integrated safety analysis; and (2) to determine if additional NRC regulatory action is necessary to ensure that licensees comply with their licensing basis and existing NRC regulations.

By letter dated September 16, 2015, AREVA Nuclear Materials, LLC (AREVA) [formerly AREVA Enrichment Services (AES), licensee for the AREVA Eagle Rock facility] responded to GL-2015-01 (ADAMS Accession Number ML15266A182). During the initial licensing review, the NRC staff completed its evaluation of AES assessment of natural phenomena hazards (NPH), and the results were documented in NUREG-1951, "Safety Evaluation Report for the Eagle Rock Facility in Bonneville County, Idaho" (ADAMS Accession Number ML102710296). The NRC staff has determined that AREVA's response to GL 2015-01 is consistent with AREVA's previously evaluated NPH assessments.

Once the facility begins construction, the staff will perform inspections of the construction activities to ensure that the facility is capable of withstanding credible natural phenomena events. The AREVA Eagle Rock facility will be inspected in accordance with Inspection Manual Chapter (IMC) 2694, "Fuel Cycle Facility Construction and Operational Readiness Review Inspection Program" (ADAMS Accession Number ML17069A203). IMC 2694 has been updated to define the construction inspection program for fuel cycle facilities constructing per a license issued under Title 10 of the Code of Federal Regulations (10 CFR) Part 70, "Domestic Licensing of Special Nuclear Material" or under 10 CFR Part 40, "Domestic Licensing of Source Material." A sample of the inspection activities includes verification of the installation and construction of items relied on for safety related to NPH accident sequences. The results of the inspections will be documented in quarterly inspection reports.

The NRC staff has concluded that AREVA has performed appropriate evaluations of NPH at the AREVA Eagle Rock facility plant based on the consistency of AREVA's response to GL-2015-01 with AREVA's previous NPH assessment. As a result, GL-2015-01 is considered closed and no further information or action is requested.

In accordance with 10 CFR 2.390 of the NRC's "Agency Rules of Practice and Procedure," a copy of this letter will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records System component of the NRC's ADAMS. ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html>.

Sincerely,

\RA

Craig G. Erlanger, Director
Division of Fuel Cycle Safety, Safeguards,
and Environmental Review
Office of Nuclear Material Safety
and Safeguards

Docket No. 70-7015

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DATED: September 8, 2017

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