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Subject: Conference Call Summary – Generic Letter 2015-01-Discussion of Draft Request for Supplemental Information
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Conference Call Summary – Generic Letter 2015-01-Discussion of Draft Request for Supplemental Information.

On January 20, 2016, staff held a conference call with AREVA, Inc. (AREVA) to discuss the draft request for supplemental information resulting from AREVA's response to Generic Letter 2015-01 "TREATMENT OF NATURAL PHENOMENA HAZARDS IN FUEL CYCLE FACILITIES."

Staff and AREVA discussed each of the questions listed below. After discussing the information needed by the staff to complete the review, it was concluded that some of the questions will be modified to be more specific on the information needed. Staff informed AREVA that following the call, it will issue a Request for Additional Information letter with a 60 day response period.

Below the questions discussed during this conference call:

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Draft Supplemental Information Request

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1. Regarding AREVA response to Generic Letter request (1) b.i.
 - 1.1. AREVA stated in the response that the site buildings were constructed to UBC/IBC criteria for the year of construction. Provide a description that includes the design bases for seismic and high winds for each of the buildings that process regulated material. The description should include the identification of the building, the building code and year of construction, and a description of the design bases including design calculations for seismic and high winds events.
 - 1.2. AREVA stated that buildings analysis were performed using a combination of building code provisions. Provide the basis for concluding that an earthquake at the site has an annual probability of 4×10^{-4} using Figures 1 and 2 (Ref.1). As requested in question 1.1, each building code defines the characteristics and seismic hazard information to use for the design. The building code also requires consideration of soil characteristics to determine ground motions for design. Site specific ground motion information that considers soil amplification should be used to characterize the hazard for systems structures and components at the site.
 - 1.3. Provide the basis for obtaining a risk reduction factor of 4 to obtain a likelihood of significant damage from an earthquake of 10^{-4} per year or less. AREVA states that it used Appendix C to U.S. Department of Energy (DOE) Standard 1020-2002, "Natural Phenomena Hazards Design and Evaluation Criteria for Department of Energy Facilities,"

to obtain the risk reduction factor. A risk reduction factor of 4 in Appendix C is for structures designed or evaluated using the methodology in DOE 1020 for Performance Category 3. Risk Reduction factor for structures design or evaluated using building codes are not defined in DOE 1020.

2. Regarding AREVA response to Generic Letter request (1) b.ii and (1) b.iii.
 - 2.1. AREVA stated that no consequences of concern due to highly unlikely or unlikely natural phenomena initiating events were identified. The statement assumes that all systems structures and component at the site can perform their intended safety function under the design basis loads. Provide a description of the safety assessments for natural phenomena event describing the capacity of internal systems structures and components to withstand the design basis loads, or the safety assessments of the potential consequences as a result of failures of internal components. This assessment should demonstrate that the consequences of failures of internal components do not exceed the performance requirements of 10 CFR 70.61.
3. Regarding AREVA response to Generic Letter request (1) d.
 - 3.1. Provide a summary of the walk downs performed in 2012 at the facility and a description of the recommendations along with the disposition of those recommendations.

Participants:

Loren Maas, AREVA
Tim Tate, AREVA
Calvin Manning, AREVA
Bill Doane, AREVA
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