

May 6, 2009

Mr. Robert E. Link, Manager
Environmental, Health, Safety
and Licensing
AREVA NP, Inc.
2101 Horn Rapids Road
Richland, WA 99354-5102

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION REGARDING THE REVIEW OF
AREVA NP, INC. RICHLAND FUEL FABRICATION FACILITY SUPERCRITICAL
CO₂ LICENSE AMENDMENT APPLICATION; LICENSE NO. SNM-1227;
DOCKET NO. 70-1257 (TAC L32689)

Dear Mr. Link:

By letter dated June 12, 2008 and revised submittal dated August 22, 2008, AREVA NP, Inc. (AREVA) submitted an application to the U.S. Nuclear Regulatory Commission (NRC) to amend Materials License No. SNM-1227 pursuant to the requirements in Title 10 of the *Code of Federal Regulations* (10 CFR), Section 70.72(d)(1). While preparing the safety evaluation report to support the review of this license amendment application, the NRC staff identified several topics requiring clarification. These topics were discussed during a conference call on April 1, 2009. However, a number of issues still need to be clarified by AREVA. Enclosed is a document containing the NRC staff's request for additional information (RAI) regarding the topics that were either not addressed or insufficiently addressed in the license amendment application. Your full and complete responses to the RAIs are necessary for the staff to complete its safety review. In order to meet our schedule, the additional information specified in the enclosure should be provided within 30 days from the date you receive this letter. Please be aware that if your responses to the RAIs contain proprietary information, you should mark your response letter accordingly.

If you have any questions, please feel free to reach me by phone at (301)-492-3111, or via e-mail to Rafael.Rodriguez@nrc.gov.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records component of NRC's Agency-wide Documents Access and Management System (ADAMS). ADAMS is accessible through the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room). The enclosure will be withheld from public disclosure pursuant to 10 CFR 2.390 (a)(4) and 9.17 (a)(4).

Sincerely,

/RA/

Rafael L. Rodriguez, Project Manager
Fuel Manufacturing Branch
Division of Fuel Cycle Safety
and Safeguards
Office of Nuclear Material Safety
and Safeguards

Enclosure: As stated

Docket No.: 70-1257
License No.: SNM-1227

Cc (w/enclosures):
Calvin D. Manning, AREVA NP

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Sincerely,

Rafael L. Rodriguez, Project Manager
Fuel Manufacturing Branch
Division of Fuel Cycle Safety
and Safeguards
Office of Nuclear Material Safety
and Safeguards

Enclosure: As stated

Docket No.: 70-1257
License No.: SNM-1227

Cc (w/enclosures):
Calvin D. Manning, AREVA NP

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