



August 23, 2007
REL:07:031

U.S. Nuclear Regulatory Commission
Director, Office of Nuclear Material
Safety and Safeguards
Attn: Document Control Room
Washington, D.C. 20555

Gentlemen:

Subject: Soluble U Limits and Potential Revisions to AREVA NP Inc.'s Site-Wide Integrated Safety Analysis Summary (TAC L31856)

AREVA NP Inc. has received your letter dated July 26, 2007 notifying AREVA NP that the NRC concurs with using the model in International Commission on Radiological Protection 66 to establish the upper limit for soluble U intakes that are considered intermediate consequence events, i.e. intakes of 75 mg or greater are high consequence events.

As a result of this revised value (lowered from 230 mg), AREVA NP will revisit the accident sequences in the three process systems where intermediate consequences had previously been identified to determine if they need to be reclassified as high consequence sequences. The results of this re-evaluation and any associated additions or changes to IROFS will be documented in the next annual update of the ISA summary that will be sent to the NRC on or before January 30, 2008.

Additionally, AREVA NP has attached a revised RAI response that reflects the agreements made during the many telephone conversations with NRC staff during their review of this document.

If you have questions about this response or other aspects of the AREVA ISA program, please contact me on 509-375-8409 or Cal Manning on 509-375-8237.

Very truly yours,

A handwritten signature in cursive script that reads "Calvin D. Manning for".

R. E. Link, Manager
Environmental, Health, Safety, & Licensing

/mah

Handwritten initials "KMSO1" in the bottom right corner of the page.

AREVA NP INC.
An AREVA and Siemens company

USNRC
August 23, 2007

REL:07:031
Page 2

cc: U.S. Nuclear Regulatory Commission, Region II
Attn: D. A. Ayres, Chief
Fuel Facility Branch 1
Sam Nunn Atlanta Federal Center, 23 T85
61 Forsyth Street, SW
Atlanta, GA 30303-8931