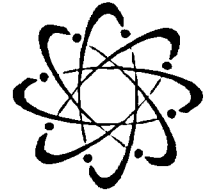


Nuclear Reactor Laboratory
University of Illinois at Urbana-Champaign

Department of Nuclear, Radiological and Plasma Engineering / College of Engineering

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217-333-2906 fax
r-holm@uiuc.edu



Reactor Administrator: Richard L. Holm

December 6, 2004
Docket No. 50-151

Mr. Alexander Adams, Jr.
United States Nuclear Regulatory Commission
ATTN: Alexander Adams, REXB
MS 012-G13
Washington, DC 20555-0001

SUBJECT: Resubmittal of package dated August 26, 2004: *License Amendment to Reduce Allowable U-235 to 10 grams.*

Dear Mr. Adams,

Please find enclosed a resubmittal, under oath and affirmation, of the package submitted August 26, 2004.

If there are any questions or concerns with this response, please contact me at 217-333-7755 or email at r-holm@uiuc.edu.

I declare under penalty of perjury that the foregoing is true and correct. Executed on December 6th, 2004.

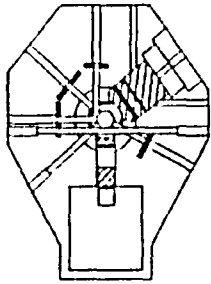
Respectfully Submitted,

Richard L. Holm
Reactor Administrator

Attach.

C: File

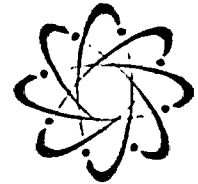
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Reactor Administrator: Richard L. Holm

August 26, 2004
Docket No. 50-151

Mr. Alexander Adams, Jr.
United States Nuclear Regulatory Commission
ATTN: Alexander Adams, REXB
MS 012-G13
Washington, DC 20555-0001

SUBJECT: License Amendment to Reduce Allowable U-235 to 10 grams.

Dear Mr. Adams,

Please find enclosed the requested changes to paragraph 2.B of the facility license. These changes are in response to the shipment of all TRIGA fuel from the facility in August of 2004.

This will place the amount of special nuclear material allowed at the facility below the level of low strategic significance (15 grams).

If there are any questions please do not hesitate to contact me.

Regards,

A handwritten signature in black ink, appearing to read "Richard L. Holm", written over a horizontal line.

Richard L. Holm
Reactor Administrator

C: File

License Amendment to Reduce Allowable U-235 to 10 grams

Currently paragraph 2.B of the facility license reads as follows;

"B. Pursuant to the Act and 10 CFR Part 70, "Domestic Licensing of Special Nuclear Material," to receive, possess and use up to 9.6 kilograms of contained uranium-235, of which 7.0 kilograms of contained uranium-235 is for use in connection with the operation of the reactor and up to 2.6 kilograms of contained uranium-235 is for use in connection with operation of a subcritical assembly in the Bulk Shielding Facility of the reactor; up to 20 grams of the contained uranium-235 is of any enrichment in the form of fission chambers and the balance is contained uranium-235 enriched to less than 20 percent in the isotope uranium-235 in the form of reactor fuel; up to 1.0E-5 grams of plutonium in the form of reactor fuel transferred from Facility Operating License No. R-117; and to possess, but not separate, such special nuclear material as may be produced by the operation of the facility; and"

Please strike out/amend the paragraph as follows:

"B. Pursuant to the Act and 10 CFR Part 70, "Domestic Licensing of Special Nuclear Material," to receive, possess and use ~~up to 9.6 kilograms of contained uranium-235, of which 7.0 kilograms of contained uranium-235 is for use in connection with the operation of the reactor and up to 2.6 kilograms of contained uranium-235 is for use in connection with operation of a subcritical assembly in the Bulk Shielding Facility of the reactor;~~ up to 20 10 grams of the contained uranium-235 ~~is of any enrichment in the form of fission chambers and the balance is contained uranium-235 enriched to less than 20 percent in the isotope uranium-235 in the form of reactor fuel;~~ up to 1.0E-5 grams of plutonium in the form of reactor fuel transferred from Facility Operating License No. R-117; and to possess, but not separate, such special nuclear material as may be produced by the operation of the facility; and"

Paragraph 2.B will then read as follows:

"B. Pursuant to the Act and 10 CFR Part 70, "Domestic Licensing of Special Nuclear Material," to receive, possess and use up to 10 grams of the contained uranium-235 of any enrichment in the form of fission chambers; and"