

April 22, 2013

Dr. Steve Reese, Director  
Oregon State University  
100 Radiation Center  
Corvallis, OR 97331-5903

SUBJECT: OREGON STATE UNIVERSITY – REQUEST FOR ADDITIONAL  
INFORMATION RE: APPLICATION TO ALLOW THE CONDUCT OF FUELED  
EXPERIMENTS TO DEMONSTRATE THE PRODUCTION OF  
MOLYBDENUM-99 (TAC NO. ME8443)

Dear Dr. Reese:

By letter dated April 13, 2012, Oregon State University submitted a request for license amendment to allow the conduct of fueled experiments to demonstrate the production of molybdenum-99 (Mo-99). During our review of your application, questions have arisen for which we require additional information and clarification. Please provide responses to the enclosed request for additional information within 45 days of the date of this letter. Enclosure 1 is a proprietary version of the request for additional information. Information which is **BOLDED** denotes proprietary information. Enclosure 2 is a public version of the request for additional information. Information which is redacted is denoted in [.....].

In accordance with Title 10 of the *Code of Federal Regulations* (10 CFR) Section 50.30(b), your response must be executed in a signed original document under oath of affirmation. Your response must be submitted in accordance with 10 CFR 50.4, "Written Communications." Information included in your response that is considered to be security, sensitive, or proprietary, that you seek to have withheld from the public, must be marked in accordance 10 CFR 2.390, "Public inspections, exemptions, requests for withholding."

If you have any questions, please contact me at (301) 415-1127.

Sincerely,

**/RA/**

Alexander Adams, Jr., Chief  
Research and Test Reactors Licensing Branch  
Division of Policy and Rulemaking  
Office of Nuclear Reactor Regulation

Docket No. 50-243

Enclosures:

1. Request for Additional Information (Proprietary Version)
2. Request for Additional Information (Non-Proprietary Version)

**NOTE: ENCLOSURE 1 TRANSMITTED  
HEREWITH CONTAINS PROPRIETARY  
INFORMATION. WHEN SEPARATED  
FROM ENCLOSURE 1 THIS DOCUMENT  
IS DECONTROLLED.**

cc w/encl 2 only: See next page

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Oregon State University

Docket No. 50-243

cc:

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Corvallis, OR 97331

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