

June 30, 2010

Mr. Stephen Frantz, Director
Reed Reactor Facility
Reed College
3203 S.E. Woodstock Boulevard
Portland, OR 97202-8199

SUBJECT: REED COLLEGE - REQUEST FOR ADDITIONAL INFORMATION REGARDING
THE REED COLLEGE REACTOR REQUALIFICATION PLAN (TAC NO.
M79578)

Dear Mr. Frantz:

The U.S. Nuclear Regulatory Commission (NRC) reviewed the Reed College Reactor Requalification Plan revision provided to the NRC by letter dated December 15, 2009. During our review, questions have arisen for which we require additional information and clarification. Please provide responses to the enclosed request for additional information within 30 days of the date of this letter.

If you have any questions regarding this review, or need additional time to respond to this request, please contact Geoffrey Wertz at 301-415-0893 or by electronic mail at: Geoffrey.wertz@nrc.gov.

Sincerely,

/RA/
Linh N. Tran, Senior Project Manager
Research and Test Reactor Licensing Branch
Division of Policy and Rulemaking
Office of Nuclear Reactor Regulation

Docket No. 50-288

Enclosure:
Request for Additional Information

cc w/encl: See next page

Reed College

Docket No. 50-288

cc:

Mayor of the City of Portland
1220 Southwest 5th Avenue
Portland, OR 97204

Reed College
ATTN: Dr. Peter Steinberger
Dean of Faculty
3203 S.E. Woodstock Boulevard
Portland, OR 97202-8199

Reed College
ATTN: Dr. Colin Diver, President
3203 S.E. Woodstock Boulevard
Portland, OR 97202-8199

Ken Niles, Assistant Director
Oregon Department of Energy
625 Marion Street NE
Salem, OR 97301-3737

Terry D. Lindsey, Program Director
Radiation Control Program
Oregon Health Services
Department of Human Services
800 NE Oregon Street, Suite 640
Portland, OR 97232-2162

Test, Research, and Training
Reactor Newsletter
University of Florida
202 Nuclear Sciences Center
Gainesville, FL 32611

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NRR-088

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NAME	GWertz	PDoyle	LTran	GLappert	JQuichocho	LTran
DATE	6/08/2010	5/24/2010	6/8/2010	6/8/2010	6/28/2010	6/30/2010

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OFFICE OF NUCLEAR REACTOR REGULATION

REQUEST FOR ADDITIONAL INFORMATION

REED COLLEGE

REED COLLEGE REACTOR REQUALIFICATION PLAN

LICENSE NO. R-112

DOCKET NO. 50-288

The U.S. Nuclear Regulatory Commission (NRC) reviewed the Reed College Reactor Requalification Plan revision dated December 15, 2009, in accordance with the regulations contained in Title 10 of the *Code of Federal Regulations* (10 CFR) Part 55 with modifications outlined in industry standard American National Standards Institute/American Nuclear Society (ANSI/ANS)-15.4, "Selection and Training of Personnel for Research Reactors." During our review, two questions have arisen for which we require additional information and clarification. Please provide responses to the following requests for additional information:

1. Regulation 10 CFR 55.59(a)(1)(i) states:

"The written examination will sample the items specified in §§ 55.41 and 55.43 of this part, to the extent applicable to the facility, the licensee, and any limitation of the license under § 55.53(c) of this part."

The Requalification Plan, section 5.1 states:

"Each operator shall pass a comprehensive written exam following the NRC format in alternate requalification years. Passing criteria shall be 70% in each section.

The written examination shall use an on-line random exam bank or be prepared by the Director or an SRO designated by the Director. The exam shall be proctored by an SRO."

How does the facility ensure that the examination includes, to the extent applicable, the items specified in 10 CFR 55.41 and 55.43?

2. Regulation 10 CFR 55.59(a)(1)(ii) states:

"The operating test will require the operator or senior operator to demonstrate an understanding of and the ability to perform the actions necessary to accomplish a comprehensive sample of items specified in § 55.45(a) (2) through (13) inclusive to the extent applicable to the facility."

ENCLOSURE

The Requalification Plan, section 5.2 states:

“Each operator shall pass an operating test each academic year. Passing criteria shall be 70% overall. This is normally administered in two sections, one per semester.

The operating exam shall be administered by an SRO designated by the Director.”

How does the facility ensure that the finished operating test includes, to the extent applicable, the items specified in 10 CFR 55.45(a)(2) through 55.45(a)(13)?