



REED COLLEGE

Reed Research Reactor

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June 23, 2021

2020-060

U.S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, D.C. 20555-0001

Subject: Revised Reed Research Reactor Requalification Plan

In early October 2020, the Interim Director Stephen Frantz found some confusion in our records regarding our Requalification Plan. In email discussion with Geoffrey Wertz dated 10/13/2021 and 10/20/2021 it was clarified that the 2010 revision of the Requalification Plan was in force; a 2013 draft revision was not reviewed in the concern that doing so would interfere with the resumption of reactor operations in 2017.

Since the 2010 Requalification Plan was written prior to our relicensing in 2012, Mr. Frantz and I agreed a new revision was needed. This 2020 revision used 10 CFR 55.59, "Requalification," and ANSI/ANS-15.4-2007, "Selection and Training of Personnel for Research Reactors" as guides. A description of the changes made to the 2010 revision in the 2020 revision can be found in the attached document, "Reed Reactor Requal Plan Changes – November 18, 2020."

The 2020 revision was reviewed and approved by Reed Research Reactor management and the Reactor Operations Committee, and was submitted to the U.S. NRC in November, 2020 (ML20335A566). This letter serves as a request for review of that submission.

I declare under penalty of perjury that the foregoing and attached are true and correct to the best of my knowledge. Executed on June 23, 2021.

Jerry Newhouse
Reactor Director

Throughout the document there are edits for clarity and grammar. References to specific parts of 10 CFR 50, 10 CFR 55, and ANSI/ANS-15.4-2007 have been added.

Section 1 Introduction

Specifically referenced 10 CFR 55.59(c)(7) which allows research reactors latitude with respect to the requirements. Added the objectives of the Plan. Listed the major components of the Plan.

Section 2 Schedule

Clarification only.

Section 3 Meetings

Added that the lectures had to be pre-planned. Added that meetings may be virtual and documentation may be electronic. Added the Confirmatory Order to the list of topics and corrected some wording. Embedded the previous “Section 3.1 Facility Changes” as text instead of a separate section. Changed “Section 3.2 Missed Meetings” into a simple paragraph. Specified what to do if someone misses a Requalification meeting.

Section 4 Document Review

This is a new section that gathers together all the various required document reviews. Added the new “read and sign” requirement from the Confirmatory Order. Added the reference to Procedure Changes and Notices.

The old Section 4, “On-The-Job Training,” was split into “Section 5 Licensed Duties” and “Section 6 Reactivity Manipulations.”

Section 5 Licensed Duties

Specified that passing an NRC administered exam (RO or SRO) fulfills the licensed duty hours. Specified the corrective action if someone doesn’t complete their licensed duty hours.

Section 6 Reactivity Manipulations

Specified that passing an NRC administered exam (RO or SRO) fulfills the reactivity requirements. Changed “within 90 days of the end of the requalification year” to “fourth quarter.” Specified the corrective action if someone doesn’t complete their reactivity requirements.

Section 7 Written Exam

Specified the time period for the written exam. Added that the written exam must be proctored. Specifically referenced 10 CFR 55.59(c)(7).

Section 8 Operating Exam

Corrected the 10 CFR 55 reference for operating exams. Specifically referenced 10 CFR 55.59(c)(7).

Section 9 Accelerated Requalification Program

Specified that Accelerated Requalification is reserved for cases where an operator’s skills or knowledge are lacking. Simply missing a requirement of the Requalification Plan doesn’t require an Accelerated Requalification Plan if they complete the prescribed remedial actions.

Section 10 Medical

Added the requirements to notify the Director of changes in medical conditions or medications.

Section 11 Other Requirements

Added reference to 10 CFR 55.53. Added personal conditions of license. Added Emergency Drill.

Section 12 Records

Included three-year retention period for records.