

May 1, 2017

Dr. Timothy W. Koeth  
Director, Nuclear Reactor and Radiation Facilities  
University of Maryland  
4418 Stadium Dr.  
College Park, MD 20742

SUBJECT: PART 71 QUALITY ASSURANCE PROGRAM APPLICATION FOR THE  
MARYLAND UNIVERSITY TRAINING REACTOR – SUPPLEMENTAL  
INFORMATION NEEDED

Dear Dr. Koeth:

By letter dated March 1, 2017, the Maryland University Training Reactor (MUTR) submitted an application for approval of a new quality assurance (QA) program under Title 10, *Code of Federal Regulations* (10 CFR) Part 71. The request is for approval of MUTR's QA program to support shipping radioactive material under the 10 CFR Part 71 general license provisions. Staff performed an acceptance review of your application to determine if the application contained sufficient information in scope and depth to allow staff to complete the detailed review.

This letter is to advise you that based on our acceptance review, the application does not contain sufficient information. The information needed to continue our review is described in the enclosure to this letter. We request that you provide this information within thirty (30) calendar days of the date of this letter. Inform us at your earliest convenience, but no later than fifteen (15) calendar days of the date of this letter, if you are not able to provide the information by that date. To assist us in re-scheduling your review, you should include a new proposed submittal date and the reasons for the delay. Discussion of the requests for supplemental information (RSIs) and RSI response date occurred on March 29, 2017.

Please reference Docket No. 71-0961 in future correspondence related to this request. If you have any questions regarding this matter, please contact Jeremy Tapp at 301-415-8047.

Sincerely,

**/RA/**

Patricia Silva, Chief  
Inspections and Operations Branch  
Division of Spent Fuel Management  
Office of Nuclear Material Safety  
and Safeguards

Docket No.: 71-0961

Enclosure: As stated

PART 71 QUALITY ASSURANCE PROGRAM APPLICATION FOR THE MARYLAND UNIVERSITY TRAINING REACTOR – SUPPLEMENTAL INFORMATION NEEDED

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Request for Supplemental Information  
Maryland University Training Reactor  
Docket No. 71-0961  
Part 71 Quality Assurance Program

By application dated March 1, 2017, the Maryland University Training Reactor (MUTR) requested approval of a Part 71 quality assurance program. This request for supplemental information (RSI) identifies information needed by the U.S. Nuclear Regulatory Commission (NRC) staff in connection with its review of the application. The requested information is listed by the section number in the quality assurance program application.

Each individual RSI describes information needed by the staff for it to accept the application for a detailed review.

### **Section 5 Procurement Document Control**

RSI-1 Provide a description of how measures are established to assure the quality of documents for procurement of material, equipment, and services, as applicable.

The application states that procurement activities will not be performed by MUTR; but this information is required to verify, at a minimum, the adequacy of the procurement documents used to obtain the transportation packaging that is planned for use under Part 71.

This information is needed to ensure the application complies with 10 CFR 71.109.

### **Section 8 Control of Purchased Material, Equipment, and Services**

RSI-2 Provide a description of how measures are established to assure the procured material, equipment, and services, as applicable, conform to the procurement documents.

The application states that no materials or equipment are to be purchased by MUTR; but this information is required to verify, at a minimum, the adequacy of the procured transportation packaging and associated materials and equipment that is planned for use under Part 71. A description is also necessary for any required services that will be procured via current procedures.

This information is needed to ensure the application complies with 10 CFR 71.115.

### **Section 9 Identification and Control of Materials, Parts, and Components**

RSI-3 Provide a description of how measures are established to assure that quality materials, parts, and components are identified and controlled to prevent the use of incorrect or defective items.

The application states that no materials, parts or components are to be identified and controlled; but this information is required to verify, at a minimum, the adequacy of the measures in place to ensure any items provided for 1) use of the packaging or 2) as replacement items are adequately identified and controlled.

This information is needed to ensure the application complies with 10 CFR 71.117.

### **Section 16 Nonconforming Materials, Parts, or Components**

RSI-4 Provide a description of how measures are established to control materials, parts, or components that do not conform to applicable requirements to prevent their inadvertent use. Measures must include appropriate procedures and the nonconforming items must be reviewed and accepted, rejected, repaired, or reworked in accordance with quality procedures.

The application states that this section does not apply; but this information is required to verify the adequacy of the measures in place to ensure that if any nonconforming items associated with the packaging, including the packaging itself, are identified, those items are controlled to prevent their inadvertent use. Identification of a nonconforming item could occur anytime from receipt inspection to final preparations and activities for shipment of the package.

This information is needed to ensure the application complies with 10 CFR 71.131.