

July 24, 2015

Document Control Desk  
US Nuclear Regulatory Commission  
One White Flint North  
11555 Rockville Pike  
Rockville, MD 20852

Attn: Ms. Cindy Montgomery, Research and Test Reactors, Mailstop O12 D20

SUBJECT: PURDUE UNIVERSITY – REQUEST FOR ADDITIONAL INFORMATION  
REGARDING THE PURDUE UNIVERSITY REACTOR LICENSE RENEWAL  
APPLICATION (TAC NO. ME1594), RESPONSES TO LETTER DATED August 29,  
2014 (ML14115A221).

Dear Ms. Montgomery,

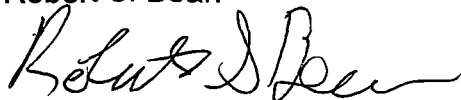
Enclosed please find the response to the request for additional information (RAI)  
regarding the Purdue University License Renewal dated 29 August 2014.

In addition to the specific RAI response document, minor revisions to the PUR-1 SAR  
were incorporated to clarify some of the responses. In addition, changes to the  
Technical Specifications and operator requalification program were proposed. Finally, a  
new decommissioning cost estimate was developed for inclusion in Chapter 15 of the  
PUR-1 SAR. These documents are attached.

Should you have any questions or require further information, please don't hesitate to  
call me at 765-496-3573, or email me at [bean@purdue.edu](mailto:bean@purdue.edu).

I hereby certify under penalty of perjury with my signature below that the information  
contained in this submission is true and correct to the best of my knowledge.

Robert S. Bean



Director of Radiation Laboratories

A020  
K1/R



*School of Nuclear Engineering*

Nuclear Engineering Building • 400 Central Drive • West Lafayette, IN 47907-2017  
(765) 494-5739 • Fax: (765) 494-9570 • <https://engineering.purdue.edu/NE>

**Attachments:**

**Purdue University Responses to PURDUE UNIVERSITY – REQUEST FOR  
ADDITIONAL INFORMATION REGARDING THE PURDUE UNIVERSITY  
REACTOR LICENSE RENEWAL APPLICATION (TAC NO. ME1594),  
RESPONSES TO LETTER DATED August 29, 2014.**

**Technical Specifications for the Purdue University Reactor, Draft Amendment 13,  
Revised March 29, 2015**

**Cost Analysis for Decommissioning of Purdue University Reactor 1**

**Operator Requalification Program for the PUR-1 Reactor Facility, Draft, Revised  
March 29, 2015**

**Safety Analysis Report for the Purdue University PUR-1 Reactor, Draft Rev. 2,  
Revised June 23, 2015**

**Cc: Leah Jamieson, Dean, Purdue University College of Engineering  
Jim Schweitzer, Purdue University Radiation Safety Officer, CORO Chair  
Ahmed Hassanein, Head, Purdue School of Nuclear Engineering**