



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D.C. 20555-0001

October 8, 2019

Dr. Robert Bean, Director  
Purdue University Radiation Laboratory  
1290 Nuclear Engineering  
400 Central Drive  
West Lafayette, Indiana 47907-2017

SUBJECT: EXAMINATION REPORT NO. 50-182/OL-19-01, PURDUE UNIVERSITY

Dear Dr. Bean:

During the week of August 26, 2019, the U.S. Nuclear Regulatory Commission (NRC) administered an annual operator licensing/requalification examination at your Purdue University reactor. The examinations were conducted according to NUREG-1478, "Operator Licensing Examiner Standards for Research and Test Reactors," Revision 2. Examination questions and preliminary findings were discussed with those members of your staff identified in the enclosed report at the conclusion of the examination.

In accordance with Title 10 of the *Code of Federal Regulations*, Section 2.390, a copy of this letter and the enclosures will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records (PARS) component of NRC's Agencywide Documents Access and Management System (ADAMS). ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html>. The NRC is forwarding the individual grades to you in a separate letter which will not be released publicly. Should you have any questions concerning this examination, please contact Ms. Michele DeSouza at (301) 415-0747 or via internet e-mail [Michele.DeSouza@nrc.gov](mailto:Michele.DeSouza@nrc.gov).

Sincerely,

A handwritten signature in black ink, appearing to read "J. Mendiola", is written over a horizontal line.

Anthony J. Mendiola, Chief  
Research and Test Reactors Oversight Branch  
Division of Licensing Projects  
Office of Nuclear Reactor Regulation

Docket No. 50-182

Enclosures:

1. Examination Report No. 50-182/OL-19-01

cc: w/o enclosures: See next page

**U.S. NUCLEAR REGULATORY COMMISSION**  
**OPERATOR LICENSING INITIAL EXAMINATION REPORT**

REPORT NO.: 50-182/OL-19-01

FACILITY DOCKET NO.: 50-182

FACILITY LICENSE NO.: R-87

FACILITY: LOCKHEED

EXAMINATION DATES: August 26-28, 2019

SUBMITTED BY: Michele DeSouza  
Michele DeSouza, Chief Examiner

09/18/2019  
Date

**SUMMARY:**

During the week of August 26, 2019, the NRC administered an annual operator licensing/requalification examination to one Senior Reactor Operator (RO). The SRO examinee passed all applicable portions of the examination(s).

**REPORT DETAILS**

1. Examiner: Michele DeSouza, Chief Examiner, NRC

2. Results:

	RO PASS/FAIL	SRO PASS/FAIL	TOTAL PASS/FAIL
Written	0/0	1/0	1/0
Operating Tests	0/0	1/0	1/0
Overall	0/0	1/0	1/0

3. Exit Meeting:  
Michele C. DeSouza, Chief Examiner, NRC  
William Schuster, RTR Inspector, NRC  
Anthony Mendiola, PROB Branch Chief, NRC  
Clive Townsend, Reactor Supervisor, Purdue University

Upon completion of the examination, the NRC Examiner met with facility staff representatives to discuss the results. At the conclusion of the meeting, the NRC examiner thanked the facility for their support in the administration of the examination.

Enclosure 1

Purdue University

Docket No. 50-182

cc:

Mung Chiang, Dean of Engineering  
Purdue University  
School of Nuclear Engineering  
400 Central Drive  
West Lafayette, IN 47907

Mayor  
City of West Lafayette  
609 W. Navajo  
West Lafayette, IN 47906

Kaci E. Studer, Radiation Programs Director  
Office of the State Fire Marshal  
Indiana Department of Homeland Security  
302 West Washington Street, Room E-238  
Indianapolis, IN 46204

Clive Townsend, Reactor Supervisor  
Purdue University  
School of Nuclear Engineering  
400 Central Drive  
West Lafayette, IN 47907

Test, Research and Training  
Reactor Newsletter  
Attention: Amber Johnson  
Dept of Materials Science and Engineering  
University of Maryland  
4418 Stadium Drive  
College Park, MD 20742-2115

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DATED: OCTOBER 8, 2019

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Facility File (ZTaru)

**ADAMS Accession No.: ML19274C447****NRR-079**

OFFICE	NRR/DLP/PROB/CE	NRR/DLP/OLA	NRR/DLP/PROB/BC
NAME	MDeSouza	ZTaru	AMendiola
DATE	09/18/2019	10/01/2019	10/8/2019

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