

Final Report
Reactor Sharing Program at
North Carolina State University PULSTAR
US Department of Energy
DE-FG02-96NE38155

This is the Annual Report for Reactor Sharing at the NC State University PULSTAR Reactor for the time period July 17, 2000 to June 16, 2001 (changed from May 31, 2001) as prescribed in the Reactor Sharing solicitation "U.S. Department of Energy, University Reactor Sharing Program." The required information is given in the format specified in this solicitation.

University: North Carolina State University

Location: Raleigh, North Carolina

Project Director:

Mr. Pedro P. Perez, Associate Director of the Nuclear Reactor Program and Lecturer of Nuclear Engineering, 1992 to December 31, 2000 (left the University).

Dr. Kuruvilla Verghese, Interim Director of the Nuclear Reactor Program and Professor of Nuclear Engineering, January 1, 2001 to July 31, 2001 (retired).

Dr. Bernard W. Wehring, Interim Director of the Nuclear Reactor Program and Adjunct Professor of Nuclear Engineering, August 1, 2001 to December 31, 2001.

Dr. Ayman I. Hawari, Director of the Nuclear Reactor Program and Associate Professor of Nuclear Engineering, January 1, 2002 to present.

Telephone Number: (919) 515-7294

Grant Number: DE-FG02-96NE38155

Reactor Type: PULSTAR, 4% enrichment

Power Level: 1-MW

DOE Patent Clearance Granted
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Office of Intellectual Property Law
DOE Chicago Operations Office
Date *June 13, 2003*

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Participation in Reactor Sharing, July 17, 2000 to July 16, 2001

Institution	Principle Investigator	Number of Students	Number of Faculty	Description of Project	Reactor Sharing Funding¹
Centennial Campus Middle School Raleigh, NC		53 middle school		Tour/Lecture 09/27/00 – 2.25 hr	\$ 334.00
Peace College Raleigh, NC		14 college		Tour/Lecture 09/13/00 – 1.00 hr	\$ 334.00
Walter Williams HS, Burlington, NC		11 HS		Tour/Lecture 10/27/00 – 1.00 hr	\$ 334.00
Shaw University Raleigh, NC		7 college		Tour/Lecture 10/31/00 – 1.00 hr	\$ 334.00
Shaw University Raleigh, NC		8 college		Tour/Lecture 11/02/00 – 1.00 hr	\$ 334.00
Greenfield HS Raleigh, NC		10 HS		Tour/Lecture 11/08/00 – 2.75 hr	\$ 334.00
New Bern HS New Bern, NC		18 HS		Tour/Lecture/NAA 02/13/01 – 2.00 hr	\$ 429.00
NROTC NCSU		21 college		Tour/Lecture 02/15/01 – 1.25 hr	\$ 334.00
Kerr Vance Acad. Henderson, NC		11 HS		Tour/Lecture 03/01/01 – 1.00 hr	\$ 334.00
Terry Sanford HS Sanford, NC		42 HS		Tour/Lecture 03/02/01 – 2.50 hr	\$ 334.00
South Stanley HS Stanley, NC		49 HS		Tour/Lecture 03/05/01 – 2.5 hr	\$ 334.00
NC Science Teachers Workshop NCSU			8 teacher	Tour/Lecture 03/08/01 – 1.50 hr	\$ 334.00
NC School of Science & Math Durham, NC		18 HS		Tour/Lecture/NAA 03/15/01 – 2.50 hr	\$ 429.00
Governor's School Alberton, VA		26 HS		Tour/Lecture/NAA 04/04/01 – 2.50 hr	\$ 429.00
Ravenscroft HS Raleigh, NC		9 HS		Tour/Lecture 04/06/01 – 1.00 hr	\$ 334.00
Southern Vance HS Vance County, NC		26 HS		Tour/Lecture/NAA 04/06/01 – 2.00 hr	\$ 429.00
South Lenoir HS Lenoir, NC		29 HS		Tour/Lecture 04/25/01 – 1.50 hr	\$ 334.00
Raleigh Christian Academy, Raleigh, NC		12 HS		Tour/Lecture 05/10/01 – 1.00 hr	\$ 334.00
SATELLITE HS Eastern, NC		26 HS		Tour/Lecture/NAA 05/17/01 – 1.50 hr	\$ 429.00
Wesleyan Academy High Point, NC		12 HS		Tour/Lecture 05/22/01 – 1.00 hr	\$ 334.00
NC Teachers Conference Raleigh, NC			12 teacher	Tour/Lecture 06/13/01 – 1.50 hr	\$ 334.00

¹These costs were not charged against Reactor Share during the course of this grant. The amounts shown are standard rates established according to North Carolina State University procedures and are pending approval by the University.

TOTAL \$7,489.00

Charges to Reactor Share during the period July 17, 2000 to July 16, 2001.

Salary and benefits for Mr. Pedro Perez Associate Director of the Nuclear Reactor Program	\$13,369.71
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Salary and Benefits for Undergraduate Students:

Jeffrey Endrusick	\$159.88	
Jared Nadel	\$216.11	
Ryan Lipsky	\$290.64	
Scott Horton	\$144.88	
		<u>\$ 811.51</u>

GRAND TOTAL:	\$14,181.22
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