

From: wadejr@id.doe.gov
Sent: Monday, May 03, 2010 12:37 PM
To: Doyle, Paul
Cc: Adams, Alexander; Brock, Kathryn; DiMeglio, Francis; Hardesty, Duane; Hylton, Etoy; Kennedy, William; Lappert, Glenna; Meyer, Walter; Montgomery, Cindy; Quichocho, Jessie; Tran, Linh; Wertz, Geoffrey; Cowdrey, Christian; Font, Ossy; Reed, Elizabeth; Ross-Lee, MaryJane; Traiforos, Spyros; Voth, Marcus; Yin, Xiaosong
Subject: RE: Verification of DOE ownership of Fuel

Good day all,

Below is the list of facilities covered under the DOE NE Research Reactor Infrastructure program. The government facilities are not included under this program; however, I am working to understand what arrangements, and with whom within DOE, cover them.

Thanks,
Jim

University	Contract Number	Period of Performance	Comments
Idaho State University	78294	Sep. 1, 2008 – Sep. 30, 2013	Standard Fuels Support Contract
Kansas State University	74503	Jun. 23, 2008 – Dec. 31, 2012	Standard Fuels Support Contract
Massachusetts Institute of Technology (MIT)	74523	Aug. 25, 2008 – Aug. 31, 2013	Standard Fuels Support Contract
Missouri University of Science and Technology			Contract is currently being re-negotiated.
North Carolina State University	78287	Aug 1, 2008 – Aug 31, 2013	Standard Fuels Support Contract
Ohio State University	74526	Apr. 15, 2008 – Apr. 30, 2013	Standard Fuels Support Contract
Oregon State University	74510	Jun. 1, 2008 – Dec. 31, 2012	Standard Fuels Support Contract
Pennsylvania State University	36822	Sep. 16, 2004 – Sep. 30, 2009	Contract is currently being re-negotiated.
Purdue University	78286	Mar. 1, 2009 – Dec. 31, 2013	Standard Fuels Support Contract
Reed College	78311	Aug. 25, 2008 – Aug. 31, 2013	Standard Fuels Support Contract
Rensselaer Polytechnic Institute (RPI)	78202	Aug. 1, 2008 – Aug. 31, 2013	Standard Fuels Support Contract
Rhode Island Atomic Energy Commission	78743	Aug. 15, 2008 – Aug. 31, 2013	Standard Fuels Support Contract
Texas A&M University	78199	Aug. 1, 2008 – Aug.	Standard Fuels Support Contract

		31, 2013	
University of Arizona	78330	Mar. 1, 2009 – Dec. 31, 2013	Standard Fuels Support Contract
University of California - Davis	74301	Mar. 20, 2008 – Mar. 31, 2013	Standard Fuels Support Contract
University of California - Irvine	78759	Mar. 1, 2009 – Dec. 31, 2013	Standard Fuels Support Contract
University of Florida	74551	Jun. 1, 2008 – Dec. 31, 2012	Standard Fuels Support Contract
University of Maryland	78314	Aug. 15, 2008 – Aug. 31, 2013	Standard Fuels Support Contract
University of Massachusetts - Lowell	78293	Mar. 1, 2009 – Dec. 31, 2013	Standard Fuels Support Contract
University of Missouri – Columbia (MURR)	72718	Jan. 1, 2008 – Dec. 31, 2012	Standard Fuels Support Contract (with fresh fuel funding caveats)
University of New Mexico	78317	May 1, 2009 – Dec. 31, 2013	Standard Fuels Support Contract
University of Texas	78206	Aug. 1, 2008 – Aug. 31, 2013	Standard Fuels Support Contract
University of Utah	73702	Feb. 25, 2008 – Dec. 31, 2012	Standard Fuels Support Contract
University of Wisconsin	9722	Nov. 1, 2001 – Nov. 1, 2011	Standard Fuels Support Contract
Washington State University	74511	Jun. 1, 2008 – Dec. 31, 2012	Standard Fuels Support Contract

From: Doyle, Paul [mailto:Paul.Doyle@nrc.gov]

Sent: Friday, April 30, 2010 8:57 AM

To: Wade, James R

Cc: Adams, Alexander; Brock, Kathryn; DiMeglio, Francis; Doyle, Paul; Hardesty, Duane; Hylton, Etoy; Kennedy, William; Lappert, Glenna; Meyer, Walter; Montgomery, Cindy; Quichocho, Jessie; Tran, Linh; Wertz, Geoffrey; Cowdrey, Christian; Font, Ossy; Reed, Elizabeth; Ross-Lee, MaryJane; Traiforos, Spyros; Voth, Marcus; Yin, Xiaosong

Subject: Verification of DOE ownership of Fuel

Dear Mr. Wade,

My name is Paul Doyle and I work for the U.S. Nuclear Regulatory Commission. I have been tasked with renewing the license for two research and test reactors. Specifically the AGN-201M reactor at Texas A&M University Reactor and the AGN-201M reactor at the University of New Mexico. You could help me greatly in this pursuit.

I have attached to this email a copy of a 1983 letter from Robert L. Morgan (DOE) to Harold Denton (NRC) regarding ownership of the fuel at University Reactors. The second and third paragraphs of the letter state:

Generally, universities or other Government agencies operating research reactors have existing agreements with the Department whereby DOE provides, through fuel assistance contracts the funds to purchase the fuel. In such cases the Department retains title to that fuel and is obligated to take the SNF and/or HEU generated by these reactors for storage or reprocessing at no cost to the research reactor organizations.

Accordingly, the Department of Energy has determined that owners of research reactors who are university or Government entities and have entered into such contracts with DOE, do not need further nuclear waste disposal contracts with the Department as specified under the provisions of Section 302(B)(2) of the Nuclear Waste Policy Act of 1982.

Unfortunately the letter does not specify which universities have entered into agreements with DOE. If you could provide a letter to my branch chief verifying that DOE retains ownership of the fuel for the below listed reactors, it would greatly help our effort in renewing these licenses.

The address of my branch chief is:

Kathryn M. Brock, Chief
Research and Test Reactors Licensing Branch
U. S. Nuclear Regulatory Commission
Mail Stop O-12 D-03
11555 Rockville Pike
Rockville, MD 20852-2738

University Operated Reactors:

Idaho State University (AGN-201M) reactor (NRC Docket No. 50-284)
Kansas State University (TRIGA) reactor (NRC Docket No. 50-188)
Massachusetts Institute of Technology (MITR-II) reactor (NRC Docket No. 50-020)
Missouri University of Science and Technology (UMRR) reactor (NRC Docket No. 50-123)
North Carolina State University (PULSTAR) reactor (NRC Docket No. 50-297)
Ohio State University reactor (NRC Docket No. 50-150)
Oregon State University (TRIGA) reactor (NRC Docket No. 50-243)
Pennsylvania State University (TRIGA) reactor (NRC Docket No. 50-005)
Purdue University (PUR-I) reactor (NRC Docket No. 50-182)
Reed College (TRIGA) reactor (NRC Docket No. 50-288)
Rensselaer Polytechnic Institute reactor (NRC Docket No. 50-225)
Rhode Island Atomic Energy Commission reactor (NRC Docket No. 50-193)
Texas A&M University (TRIGA) reactor (NRC Docket No. 50-029)
Texas A&M University (AGN-201M) reactor (NRC Docket No. 50-128)
University of Arizona (TRIGA) reactor (NRC Docket No. 50-113)
University of California – Davis (TRIGA) reactor (NRC Docket No. 50-607)
University of California – Irvine (TRIGA) reactor (NRC Docket No. 50-326)
University of Florida (ARGONAUT) reactor (NRC Docket No. 50-083)
University of Maryland (TRIGA) reactor (NRC Docket No. 50-166)
University of Massachusetts – Lowell (LTR) reactor (NRC Docket No. 50-223)
University of Missouri – Columbia (MURR) reactor (NRC Docket No. 50-186)
University of New Mexico (AGN-201M) reactor (NRC Docket No. 50-252)
University of Texas (TRIGA) reactor (NRC Docket No. 50-602)
University of Utah (TRIGA) reactor (NRC Docket No. 50-407)
University of Wisconsin (TRIGA) reactor (NRC Docket No. 50-156)

Washington State University (TRIGA) reactor (NRC Docket No. 50-027)

Government Operated Reactors:

Armed Forces Radiobiological Research Institute (TRIGA) reactor (NRC Docket No. 50-170)

National Institute of Standards and Technology (NBSR) reactor (NRC Docket No. 50-184)

United States Geological Survey (TRIGA) reactor (NRC Docket No. 50-274)

Respectfully,

Paul V. Doyle Jr.

Operator Licensing Examiner
Research and Test Reactors

Address:

U.S. Nuclear Regulatory Commission
Mail Stop O-12 D-03
11555 Rockville Pike
Rockville, MD 20852

Phone: (301) 415-1058

<mailto:Paul.Doyle@nrc.gov>