

030-70696

NRC FORM 313  
(9-88)  
10 CFR 30.32, 33,  
34, 35 and 40

U.S. NUCLEAR REGULATORY COMMISSION  
APPROVED BY OMB  
3100-0120  
Expires 6-30-90

### APPLICATION FOR MATERIAL LICENSE

INSTRUCTIONS: SEE THE APPROPRIATE LICENSE APPLICATION GUIDE FOR DETAILED INSTRUCTIONS FOR COMPLETING APPLICATION. SEND TWO COPIES OF THE ENTIRE COMPLETED APPLICATION TO THE NRC OFFICE SPECIFIED BELOW.

**APPLICATIONS FOR DISTRIBUTION OF EXEMPT PRODUCTS FILE APPLICATIONS WITH:**

U.S. NUCLEAR REGULATORY COMMISSION  
DIVISION OF INDUSTRIAL AND MEDICAL NUCLEAR SAFETY, NMSS  
WASHINGTON, DC 20555

**ALL OTHER PERSONS FILE APPLICATIONS AS FOLLOWS. IF YOU ARE LOCATED IN:**

CONNECTICUT, DELAWARE, DISTRICT OF COLUMBIA, MAINE, MARYLAND, MASSACHUSETTS, NEW HAMPSHIRE, NEW JERSEY, NEW YORK, PENNSYLVANIA, RHODE ISLAND, OR VERMONT, SEND APPLICATIONS TO

U.S. NUCLEAR REGULATORY COMMISSION, REGION I  
NUCLEAR MATERIALS SAFETY SECTION B  
475 ALLENDALE ROAD  
KING OF PRUSSIA, PA 19406

ALABAMA, FLORIDA, GEORGIA, KENTUCKY, MISSISSIPPI, NORTH CAROLINA, PUERTO RICO, SOUTH CAROLINA, TENNESSEE, VIRGINIA, VIRGIN ISLANDS, OR WEST VIRGINIA, SEND APPLICATIONS TO

U.S. NUCLEAR REGULATORY COMMISSION, REGION II  
NUCLEAR MATERIALS SAFETY SECTION  
101 MARIETTA STREET, SUITE 2900  
ATLANTA, GA 30333

**IF YOU ARE LOCATED IN:**

ILLINOIS, INDIANA, IOWA, MICHIGAN, MINNESOTA, MISSOURI, OHIO, OR WISCONSIN, SEND APPLICATIONS TO:

U.S. NUCLEAR REGULATORY COMMISSION, REGION III  
MATERIALS LICENSING SECTION  
790 ROOSEVELT ROAD  
GLEN ELLYN, IL 60137

ARKANSAS, COLORADO, IDAHO, KANSAS, LOUISIANA, MONTANA, NEBRASKA, NEW MEXICO, NORTH DAKOTA, OKLAHOMA, SOUTH DAKOTA, TEXAS, UTAH, OR WYOMING, SEND APPLICATIONS TO:

U.S. NUCLEAR REGULATORY COMMISSION, REGION IV  
MATERIAL RADIATION PROTECTION SECTION  
611 RYAN PLAZA DRIVE, SUITE 1000  
ARLINGTON, TX 76011

ALASKA, ARIZONA, CALIFORNIA, HAWAII, NEVADA, OREGON, WASHINGTON, AND U.S. TERRITORIES AND POSSESSIONS IN THE PACIFIC, SEND APPLICATIONS TO:

U.S. NUCLEAR REGULATORY COMMISSION, REGION V  
NUCLEAR MATERIALS SAFETY SECTION  
1400 MARIA LANE, SUITE 210  
WALNUT CREEK, CA 94095

PERSONS LOCATED IN AGREEMENT STATES SEND APPLICATIONS TO THE U.S. NUCLEAR REGULATORY COMMISSION ONLY IF THEY WISH TO POSSESS AND USE LICENSED MATERIAL IN STATES SUBJECT TO U.S. NUCLEAR REGULATORY COMMISSION JURISDICTION.

1. THIS IS AN APPLICATION FOR (Check appropriate item):	2. NAME AND MAILING ADDRESS OF APPLICANT (Include Zip Code)
<input type="checkbox"/> A. NEW LICENSE <input checked="" type="checkbox"/> B. AMENDMENT TO LICENSE NUMBER <u>02-16270-01</u> <input type="checkbox"/> C. RENEWAL OF LICENSE NUMBER _____	Department of Health & Human Services Navajo Area Indian Health Service, OEH P.O. Box G Window Rock, AZ 86515

3. ADDRESSES WHERE LICENSED MATERIAL WILL BE USED OR POSSESSED:

USPHS-IHS Sanitation Facilities Support Center, Fort Defiance, Arizona 86504 and at temporary job sites of the licensee anywhere in the United States.

4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION	TELEPHONE NUMBER
Michael A. Taylor	602-871-1396

SUBMIT ITEMS 5 THROUGH 11 ON 8 1/2 x 11" PAPER. THE TYPE AND SCOPE OF INFORMATION TO BE PROVIDED IS DESCRIBED IN THE LICENSE APPLICATION GUIDE.

5. RADIOACTIVE MATERIAL a. Element and mass number, b. chemical and/or physical form, and c. maximum amount which will be possessed at any one time	6. PURPOSE(S) FOR WHICH LICENSED MATERIAL WILL BE USED.
7. INDIVIDUAL(S) RESPONSIBLE FOR RADIATION SAFETY PROGRAM AND THEIR TRAINING AND EXPERIENCE	8. TRAINING FOR INDIVIDUALS WORKING IN OR FREQUENTING RESTRICTED AREAS.
9. FACILITIES AND EQUIPMENT	10. RADIATION SAFETY PROGRAM.
11. WASTE MANAGEMENT.	12. LICENSEE FEES (See 10 CFR 170 and Section 170.31) FEE CATEGORY: _____ AMOUNT ENCLOSED \$ _____

13. CERTIFICATION: (Must be completed by applicant) THE APPLICANT UNDERSTANDS THAT ALL STATEMENTS AND REPRESENTATIONS MADE IN THIS APPLICATION ARE BINDING UPON THE APPLICANT. THE APPLICANT AND ANY OFFICIAL EXECUTING THIS CERTIFICATION ON BEHALF OF THE APPLICANT, NAMED IN ITEM 2, CERTIFY THAT THIS APPLICATION IS PREPARED IN CONFORMITY WITH TITLE 10, CODE OF FEDERAL REGULATIONS, PARTS 30, 32, 33, 34, 35, AND 40 AND THAT ALL INFORMATION CONTAINED HEREIN IS TRUE AND CORRECT TO THE BEST OF THEIR KNOWLEDGE AND BELIEF.

WARNING: 18 U.S.C. SECTION 1001 ACT OF JUNE 25, 1948, 62 STAT. 749 MAKES IT A CRIMINAL OFFENSE TO MAKE A WILLFULLY FALSE STATEMENT OR REPRESENTATION TO ANY DEPARTMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATTER WITHIN ITS JURISDICTION.

SIGNATURE OF CERTIFYING OFFICER	TYPED/PRINTED NAME	TITLE	DATE
<i>Michael A. Taylor</i>	Michael A. Taylor	Health Physicist	6-7-89

FOR NRC USE ONLY			
TYPE OF FEE	FEE LOG	FEE CATEGORY	COMMENTS
			8912060092 890824 REG 5 LIC 30 02-16270-01 PDR
AMOUNT RECEIVED	CHECK NUMBER		
		FEE EXEMPT	
APPROVED BY			DATE

71015

**Memorandum**

Date July 05, 1989


From Health Physicist, OHSMB, OEHE, NAIHS

Subject Supplement to NRC form 313

To Subject: Application for Amendment to License No. 02-16270-01

It is herein requested that NRC Materials License No. 02-16270-01 be updated and amended as follows:

- A. In reference to license condition 12, the designated Radiation Protection Officer should be changed to Michael A. Taylor (resume of training and experience, attachment 1)
- B. It is requested that Application item 11, referenced via license condition 18, requiring radiation detection instrumentation, be deleted. Given the nature of the materials provided for by the above referenced license (special form, sealed source) it is felt that the need for a specific license condition requiring specific, calibrated instrumentation is superfluous. The use of such devices is not associated with the day to day operation of the gauges authorized by the license and would only be required under unusual or emergency situations. Under such situations appropriate response would include the use of suitable instrumentation by the RPO and/or other qualified personnel.
- C. It is requested that Application Item 12, referenced via license condition 18, requiring the use of self reading radiation dosimeter (pocket ionization chamber) be amended to provide for the use of self reading radiation dosimeters (any type) and/or the use of personnel monitoring as per the provisions of 10 CFR 20.202 (c). Dosimetry referenced by the latter to be supplied by Radiation Detection Company, P.O. Box 1414, Sunnyville, California 94088.  
It is believed that such flexibility with respect to the provision of dosimetry will provide a greater measure of safety as the logistics of gauge use make the use of any single dosimetry procedure, under every situation, unreliable.

 Michael A. Taylor

**Memorandum**

Attachment 1

Date June 22, 1989

From Health Physicist, DHSMB, OEHE, NAIHS

Subject Supplement to NRC form 313

To Subject: Resume of Training and Experience for Michael A. Taylor in support of Application for Amendment to License No. 02-16270-01.

From March 18, 1985 to December 31, 1988, I was employed by the New Mexico Department of Health and Environment, Radiation Protection Bureau as an Environmental Scientist III. My primary areas of responsibility included:

1. The review and oversight of Uranium Mill Licensing projects for the State of New Mexico, under agreement with the NRC.
2. State liason with respect to State oversight of DOE and State activities in association with the Uranium Mill Tailings Remedial Action project at Ambrosia Lake, NM (UMTRA, Title I).
3. Compliance officer responsible for evaluating the radiological health hazards at medical, industrial, academic, and public use facilities as well as the investigation of incidents, accidents, and complaints associated with radiological hazards.
4. Administrator for the State's radiologic technologists certification program.
5. The licensing and inspection of source material use in accordance with New Mexico's NRC Agreement State status.

Training includes the successful completion of:

1. The Five-Week Health Physics and Radiation Protection Course, Oak Ridge Associated Universities.
2. The Medical X-Ray Protection course, US Food and Drug Administration.
3. The Basic Course for Investigations; Diagnostic X-Ray Survey, U.S. Food and Drug Administration.
4. The Inspection Procedures Course, U.S. Nuclear Regulatory Commission.
5. The Radioactive Materials Course; DOT Regulations, U.S. Department of Energy.
6. The Troxler Electronic Laboratories Inc. training course for the use of nuclear testing equipment (D/M guages).
7. The Radiological Emergency Response Training for States and Local Government Emergency Preparedness Personnel, FEMA, U.S. Dept. of Energy.

I am currently employed by the DHHS, USPHS, NAIHS as a health physicist.

Michael A. Taylor