

ACCEPTANCE REVIEW MEMO (ARM)

Licensee: Dept of Commerce (NOAA) **License No.:** 05-11997-01
Docket No.: 030-03746 **Mail Control No.:** 472371
Type of Action: Amend **Date of Requested Action:** 8-04-09
Reviewer Assigned: **ARM reviewer(s):** Torres

Response	Deficiencies Noted During Acceptance Review
	<input type="checkbox"/> Open ended possession limits. Submit inventory. Limit possession. <input type="checkbox"/> Submit copies of latest leak test results. <input type="checkbox"/> Add IC L.C./Fingerprint LC, add SUNSI markings to license. <input type="checkbox"/> Confirm with licensee if they have NARM material. <input type="checkbox"/> Change of contact information (RSO), send request to update IC database.

Reviewer's Initials: _____ **Date:** _____

<input type="checkbox"/> Yes	<input type="checkbox"/> No	Request for unrestricted release Group 2 or >. Consult with Bravo Branch.
<input type="checkbox"/> Yes	<input type="checkbox"/> No	Termination request < 90 days from date of expiration
<input type="checkbox"/> Yes	<input type="checkbox"/> No	Expedite (medical emergency, no RSO, location of use/storage not on license, RAM in possession not on license, other)
<input type="checkbox"/> Yes	<input type="checkbox"/> No	TAR needed to complete action.

Branch Chief's and/or HP's Initials: _____ **Date:** _____

SUNSI Screening according to RIS 2005-31

Yes No **Sensitive and Non-Publicly Available** if any item below is checked

General guidance:

- _____ RAM = or > than Category 3 (Table 1, RIS 2005-31), use Unity Rule
- _____ Exact location of RAM [suite #, bldg. #, location different from mailing address] (whether = or > than Category 3 or not)
- _____ Design of structure and/or equipment (site specific)
- _____ Information on nearby facilities
- _____ Detailed design drawings and/or performance information
- _____ Emergency planning and/or fire protection systems

Specific guidance for medical, industrial and academic (above Category 3):

- _____ RAM quantities and inventory
- _____ Manufacturer's name and model number of sealed sources & devices
- _____ Site drawings with exact location of RAM, description of facility
- _____ RAM security program information (locks, alarms, etc.)
- _____ Emergency Plan specifics (routes to/from RAM, response to security events)
- _____ Vulnerability/security assessment/accident-safety analysis/risk assess
- _____ Mailing lists related to security response

Branch Chief's and/or HP's Initials: *[Signature]* **Date:** AUG 17



UNITED STATES DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
Office of Oceanic and Atmospheric Research
Earth System Research Laboratory
325 Broadway – David Skaggs Research Center
Boulder, Colorado 80305-3337

RECEIVED

AUG - 6 2009

DNMS

Mr. Roberto Torres
US Nuclear Regulatory Commission Region IV
Division of Nuclear Material Safety
612 E. Lamar Blvd., Suite 400
Arlington, TX 76011-4125

SUBJECT: Amendment request to NRC Materials License 05-11997-01, held by the Department of Commerce, National Oceanic and Atmospheric Administration, Boulder, Colorado.

Dear Mr. Torres,

The purpose of this letter is to request an amendment to the referenced Materials License to substitute Mr. John P. Schneider for Ms. Rhonda Carpenter as Radiation Safety Officer.

This request would require the following sections of the license to be amended:

- 1) Replacement of the current Radiation Safety Officer for the License as referenced in section 11. B with Mr. John P. Schneider, and
- 2) Replacement of Rhonda S. Carpenter's name with John P. Schneider's name in Section 11. A regarding supervision of materials.

Mr. Schneider's qualifications to perform as Radiation Safety Officer for this facility are detailed in the enclosure.

If you have questions or comments regarding this request, please contact Mr. John Schneider at (303) 497-4646 or e-mail John.P.Schneider@NOAA.gov.

Sincerely,

Alexander MacDonald
Director, Earth System Research Laboratory

Enclosure



No 472371

**Radiation Safety Officer Qualifications for
Mr. John P. Schneider, Deputy Director for Research,
NOAA Earth System Research Laboratory**

Mr. John Schneider has over 13 years of experience with the Department of Energy (DOE) in the operations, management, storage, treatment, and disposal of radiological wastes, including decontamination and demolition of radiologically contaminated facilities, stabilizing and packaging transuranic materials for long-term storage, shipping radiological materials, and oversight and response to safety and environmental actions related to those materials. Mr. Schneider held numerous positions while working for the DOE with his final position being the Assistant Manager for Projects for the Rocky Flats Closure Project. In this role he oversaw the stabilization, packaging, and transport of over 14 metric tons of plutonium, decontamination and demolition of over 800 facilities with many being some of the worst radiologically contaminated facilities in the nation, and packaging, treatment and disposal of thousands of truckloads of radiological wastes ranging from low-level to transuranic levels of contamination.

Beyond this uncommon real world experience Mr. Schneider has numerous specific trainings and qualifications which provide him the knowledge necessary to be an RSO.

Trainings have included annual and specific radiation worker qualification training where radiation protection principles, characteristics of ionizing radiation, units of radiation dose and quantities, radiation detection instrumentation, and various biological hazards of exposure to radiation were discussed in detail with many specific real on-the-job scenarios being discussed.

Additionally, Mr. Schneider maintained qualifications to work in radiologically contaminated work spaces which included training on the use of many types of protective gear and monitoring equipment. Mr. Schneider participated in qualification reviews of other employees and advised management on best practices to obtain those qualifications.

Mr. Schneider performed field oversight of many high-risk radiological and safety operations, providing critical review of operations and regulatory compliance and maintaining stop-work authority over those efforts.

Mr. Schneider has worked extensively with external oversight officials including the Defense Nuclear Facilities Safety Board, Government Accountability Office, Office of Inspector General, and various state radiological material oversight entities.

Mr. Schneider has been trained in Emergency Response Organization practices and served as a member of the Rocky Flats Emergency Response Team for five years.

In Mr. Schneider's current position as ESRL Deputy Director for Research he holds management level authority over all organizational elements operating under this Materials License. His authority includes the ability to direct lower level managers and

staff, delegate work in response to identified deficiencies, and immediately access higher management for support as needed.

Finally, Mr. Schneider has been intimately involved in recent actions with the NRC related to corrective actions and amending the local Materials License providing him familiarity with local radiological concerns.

A summary list of trainings and qualifications specific to radioactive materials, safety, and emergency response is provided below:

- | | |
|---|-----------------------------------|
| 1) DOE Rad Worker Training | Annual 1991-2004 |
| 2) Respirator Indoctrination | Annual 1991-2004 |
| 3) Radiation Alarms | 1991 – 2004 annual |
| 4) Basic Radiation | 1991 |
| 5) Radiation Worker Training | 1991 |
| 6) OSHA – Hazardous Waste Operator | 1992 |
| 7) Radioactive Waste Generator | 1992, 1996 |
| 8) Hazardous and Toxic Waste Management | 1993 |
| 9) Rad Worker I | 1994 |
| 10) Nuclear Material Safeguards | 1994 |
| 11) General Environmental Training - Radiation | 1994-2003 |
| 12) Project Management Systems in British Nuclear Fuels | 1996 |
| 13) CPR and First Aid | 1988, 1996 |
| 14) Rad Worker II | 2002 |
| 15) Incident Command | 2000 |
| 16) Emergency Response Organization | 1997, 2001, 2003 annual refresher |

Mr. Schneider has also had completed numerous leadership and management training courses.

8-19-09

DATE

This is to acknowledge the receipt of your letter/application dated 8-04-09, and to inform you that the initial processing, which includes an administrative review, has been performed.

There were no administrative omissions. Your application will be assigned to a technical reviewer. Please note that the technical review may identify other omissions or require additional information.

Please provide to this office within 30 days of your receipt of this card:

The action you requested is normally processed within 90 days.

A copy of your action has been forwarded to our License Fee & Accounts Receivable Branch, who will contact you separately if there is a fee issue involved.

Your action has been assigned Mail Control Number 472371.
When calling to inquire about this action, please refer to this mail control number.
You may call me at 817-860-8103.

Sincerely,



Licensing Assistant

BETWEEN:

License Fee Management Branch, ARM
and
Regional Licensing Sections

: (FOR LFMS USE)
: INFORMATION FROM LTS
: -----
: Program Code: 03620
: Status Code: 0
: Fee Category: 3P
: Exp. Date: 20111031
: Fee Comments: 3P EFF. 9/27/91
: Decom Fin Assur Req: N
:

LICENSE FEE TRANSMITTAL

A. REGION

1. APPLICATION ATTACHED

Applicant/Licensee: COMMERCE, DEPARTMENT OF
Received Date: 20090805
Docket No: 3003746
Control No.: 472371
License No.: 05-11997-01
Action Type: Amendment

2. FEE ATTACHED

Amount: _____
Check No.: /

3. COMMENTS

Signed Colleen Murchan
Date 8-14-09

B. LICENSE FEE MANAGEMENT BRANCH (Check when milestone 03 is entered /_/)

1. Fee Category and Amount: _____

2. Correct Fee Paid. Application may be processed for:

Amendment _____
Renewal _____
License _____

3. OTHER _____

Signed _____
Date _____

From: Origin ID: FNLA (303) 497-8000
Holly Palm
DOC/NOAA/ESRL
325 Broadway
ESRL
Boulder, CO 80305



Ship Date: 04AUG09
ActWgt: 0.5 LB
CAD: 1653359/NET9060
Account#: S *****

Delivery Address Bar Code



Ref # 39WGREDPRA
Invoice #
PO #
Dept #

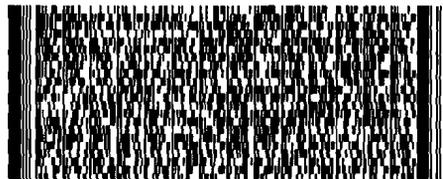
412377

SHIP TO: (817) 860-8189 BILL SENDER
Roberto Torres
US Nuclear Regulatory Commission
612 E LAMAR BLVD STE 400

ARLINGTON, TX 76011

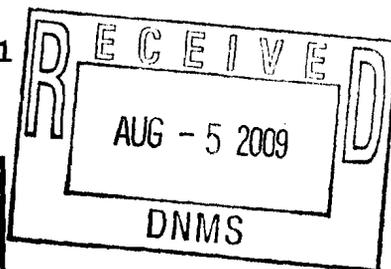
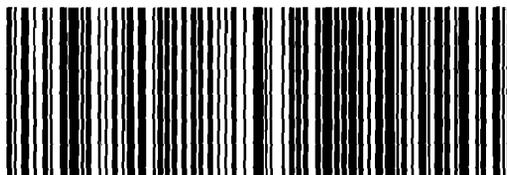
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WED - 05AUG A1
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76011
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