



Fax

Date: 5/18/06 Number of pages (include cover): 2

Message To

Roberto Torres	Fax No: 1-817-860-8263
Firm: NRC	Phone No:
City:	State:
Mail Control # 470984	Project:

Message From:

Name: Chris Cole	Fax No: (208) 676-1165
CC:	Phone No: (208) 665-3997

Notes:
Radiation Safety Officer Certificate

490984

Certificate of Completion

This certifies that

Christopher A Cole

has successfully completed the

Radiation Safety Officer Class

conducted by the training department of

Troxler Electronic Laboratories, Inc.



Stephen R. Tucker
Instructor

5/10/2006
Date

William F. Troxler, Jr.
President



Troxler Electronic Laboratories, Inc.
PO Box 12057 • 3008 Cornwallis Rd. • Research Triangle Park, NC 27709
Phone: (919) 549-8661 • Fax: (919) 549-0761 • Web site: www.troxlerlabs.com

Enrollment ID: 18866

Pre-Licensing Screening

Applicant Information:

Control No. 470984

Name: HDR Engineering, Inc.	Type of Request: 4 Program Code(s):
Location: ID	License No.: 11-27778-01 Docket No.: 030-36616

STEP 1—Radioactive Materials and Quantities Requested:

Instructions for Step 1: Complete Step 1 for all applications. If all your responses in Step 1 are "No" then do not complete Step 2 (Screening Criteria). Sign and date the completed step-sheet and add it as the sensitive and non-publicly available OAR in ADAMS. If a "yes" response is indicated for any item in Step 1, also complete Step 2. If the type of use is subject to a Security Order or the requirements for increased controls, complete Step 3 (Item A or Item B) without delay.	Yes or No
A. The request is from a new applicant.	NO
B. NUREG-1556, Volume 20, Section 4.9 indicates a licensing site visit is needed for the requested type of use, e.g., (1) Type A broad scope license, (2) panoramic irradiator containing > 10000 curies, (3) manufacturers or distributors using unsealed radioactive material or significant quantities of sealed material, (4) radioactive waste brokers, (5) radioactive waste incinerators, (6) commercial nuclear laundries, and (7) any other application that in the judgement of the reviewer and cognizant supervisor involves complex technical issues, complex safety questions, or unprecedented issues that warrant a site visit.	NO
C. The applicant requested certain radionuclides and quantities that equal or exceed the Risk Significant Quantity (TBq) values in the table, below, that have been "highlighted" by the reviewer	NO

Table of Risk Significant Quantities

(Category 2 Quantities, IAEA Safety Guide No. RS-G-1.9, Categorization of Radioactive Sources, August 2005)

Radionuclide	Risk Significant Quantity (TBq) ¹	Risk Significant Quantity (Ci) ¹	Radionuclide	Risk Significant Quantity (TBq) ¹	Risk Significant Quantity (Ci) ¹
Am-241	0.6	16	Pm-147	400	11,000
Am-241/Be	0.6	16	Pu-238	0.6	16
Cf-252	0.2	5.4	Pu-239/Be	0.6	16
Cm-244	0.5	14	Ra-226 ²	0.4	11
Co-60	0.3	8.1	Se-75	2	54
Cs-137	1	27	Sr-90 (Y-90)	10	270
Gd-153	10	270	Tm-170	200	5,400
Ir-192	0.8	22	Yb-169	3	81

¹ The primary values are TBq. The curie (Ci) values are for informational purposes only.

² The Atomic Energy Act, as amended by the Energy Policy Act of 2005, authorizes NRC to regulate Ra-226 and NRC is in the process of amending its regulations for discrete sources of Ra-226.

Calculations of the Total Activity or the Unity Rule are attached to document whether or not the screening criteria in Step 2 were also completed to evaluate the application. NOTE—If an amendment of an existing license is being requested, the calculations will include the previously authorized quantities for the radionuclide(s).	Yes, No, or Not Applicable (NA)
Total Activity—multiple activities are requested for a single radionuclide and the sum of the activities equals or exceeds the quantity of concern for the radionuclide	N/A
Unity Rule—multiple radionuclides are requested and the sum of the ratios equals or exceeds unity, e.g., [(total activity for radionuclide A) + (risk significant quantity for radionuclide A)] + [(total activity for radionuclide B) + (risk significant quantity for radionuclide B)] ≥ 1.0.	N/A

Signature and Date for Step 1:

 5/16/06
 License Reviewer and Date

RJC

May 8, 2006

Judith Walker, Health Physicist
Nuclear Materials Licensing Branch
Region IV
Arlington, Texas 76011

Re: *Change in Radiation Officers*

HDR Engineering, Inc.
License No. 11-27778-01



Dear Ms. Walker,

Please note, the RSO for License No. 11-27778-01 has been changed. The new RSO for this license is Chris Cole. Chris is scheduled to attend an 8 hour RSO training course presented by Troxler May 10th. I will be acting RSO until May 12th at which time Chris Cole will be responsible for the license regulations and program maintenance. Chris may be reached at the license mailing address or by phone at 208-676-1130 (office) or 208-691-1344 (cell). There are no other changes to the license agreement at this time.

Thank you,

A handwritten signature in cursive script that reads "Alexander M. Hall".

Alexander Hall, EIT, RSO
208-676-1130 (w)
208-391-1393 (c)

Cc: Jeff Berger, Director HDR Nuclear Gauge Program
File: RSO Idaho Program\to NRC

0 23 06
DATE

This is to acknowledge the receipt of your letter/application dated 5-8-2006, 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 additional 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** 470984.
When calling to inquire about this action, please refer to this mail control number.
You may call me at 817-860-8103.

Sincerely,
Colleen Murmahan
Licensing Assistant

BETWEEN:

License Fee Management Branch, ARM
and
Regional Licensing Sections

(FOR LEWS USE)

INFORMATION FROM LTS

: Program Code: 03121
: Status Code: 0
: Fee Category: 3P
: Exp. Date: 20140731
: Fee Comments:
: Decom Fin Assur Reqd: N
:

LICENSE FEE TRANSMITTAL

A. REGION

1. APPLICATION ATTACHED
Applicant/Licensee: HDR ENGINEERING, INC.
Received Date: 20060509
Docket No.: 3036616
Control No.: 470984
License No.: 11-27778-01
Action Type: Amendment

2. FEE ATTACHED

Amount: _____
Check No.: _____

3. COMMENTS

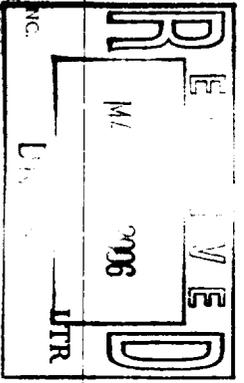
Signed *Calvin M. ...*
Date 3/5-06

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 _____

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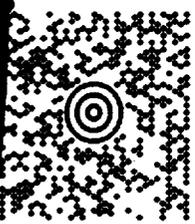


ALEXANDER HALL
208-676-1130
HDR ENGINEERING INC.
610 WEST HUBBARD
COBUR D ALENE ID 83814

1 OF 1

SHIP TO:

JUDITH WALKER
US NUCLEAR REGULATORY COMMISSION
STE 400
611 RYAN PLAZA DRIVE
ARLINGTON TX 76011-4005



TX 760 0-10



BILLING: P/P

Reference # 1: 40452 - Setters Stage I
Reference # 2: 40453 - Setters Stage II



TM

INS 8.0.22.0 W001E60 51 0A 01 /2006