Hewlett-Packard Company
Avondale Division
Route 41
Post Office Box 900
Avondale, Pennsylvania 19311-0900
215 268 2281

HEWLETT PACKARD

Rec'd 7/30/91

July 23, 1991

Mr. Steve Baggett
Material Licensing Branch
Division of Fuel Cycle & Material
U. S. Nuclear Regulatory Commission
Washington, D.C. 20555

Re: Certificates of Registry
Nos. NRO348D101U, NRO348D102U, and NRO348D105U

Dear Mr. Baggett:

As per our discussion on July 22, 1991, Hewlett-Packard requests to inactivate the following certificates of registry:

1) NRO348D101U
2) NRO348D102U
3) NRO348D105U

For the Certificates of Registry numbers NRO348D101U and NRO348D105U, Hewlett-Packard has not sold or reconditioned these detectors for several years and has no plans to in the future.

For the Model 2-6195 detector, our records indicate thet ~2200 were shipped during the product life.

For the Model 2-2830 and Model 2-2837 tritium based detectors, our records indicate that 116 of the 2-2830 and 1550 Model 2-2837 detectors were shipped.

In reviewing the other certificates of registry, the 18803-60520 model detector is also covered by certificates NRO348D103S and NRO348D104U. This detector is only being reconditioned under the Model 18803-60520. We request that Certificate of Registry NRO348102U also be inactivated.

2a

If any further information is needed, please do not hesitate to call me at (215) 268-5548.

MUST CALL 10/15

Thank you for your consideration.

Sincerely yours,

Paul A. Larson

Paul A. Larson
Radiation Safety Officer

PL:cbm
Enc.
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REQUEST FOR A SEALED SOURCE OR DEVICE EVALUATION

Instructions: Send this request AND a copy of all related letters/applications and drawings to: The Sealed Source Safety Section, ATTN: Steven Baggett, MNBB Mail Stop 6-H-3. Change the License Tracking System milestone to 18 and assign to reviewer code I-S. NOTE: Retain a copy of this request with the application and background files.

REQUESTOR: Herbert Peabody

PHONE NO.: _____

APPLICANT'S NAME: _____

MAIL CONTROL NO.(S): _____

REGION: I II III IV V, HQ or LFDCB

DATE: _____

LETTER/APPLICATION DATE: 12/21/92

LICENSE NO.(S): _____

TYPE OF ACTION REQUESTED (CHECK APPROPRIATE ACTION(S))

( ) SOURCE REVIEW ( ) DEVICE REVIEW ( ) CUSTOM REVIEW
( ) AMENDMENT OF REGISTRATION SHEET NO.(S) _____

COMMENTS: _____

FOR SSSS USE ONLY

DATE RECEIVED: 1/4 ASSIGNED NO.: 9285 DATE TO FEES: _____

MODEL NUMBERS: _____

REVIEWER: _____ DATE ASSIGNED: _____

TYPE OF ACTION (INDICATE NUMBER OF EACH TYPE)

( ) COMMERCIAL DISTRIBUTION (FORMAL)

SOURCE (9C)	DEVICE (9A)
___ NEW	___ NEW
___ AMENDMENT	___ AMENDMENT

( ) USE BY A SINGLE APPLICANT (CUSTOM)

SOURCE (9D)	DEVICE (9B)
___ NEW	___ NEW
___ AMENDMENT	___ AMENDMENT

(X) NO SAFETY EVALUATION REQUIRED - NO FEES REQUIRED

( ) LICENSING ACTION REQUIRED IS KNOWN: YES / NO

( ) OTHER: _____

TOTAL NUMBER OF REVIEWER HOURS: _____

NUMBER OF DEFICIENCY LETTERS: _____

NUMBER OF DEFICIENCY CALLS: _____

NOTES: _____

FOR BILLING PURPOSES ONLY

( ) NAME CHANGE (X) ADDRESS CHANGE ( ) NEW REGISTRATION - ADD TO BILLING
( ) PRODUCT INACTIVE - REMOVE FROM BILLING

FOR FEE USE ONLY

TYPE OF FEE: _____
AMOUNT RECEIVED: _____
DATE OF CHECK: _____
APPROVED BY: _____

FEE CATEGORY: 9A 9B 9C 9D
CHECK NUMBER: _____
LOG: _____
DATE RETURN: _____
DATE: _____

( ) NATANN UPDATED AS REQUIRED
( ) NATSYS UPDATED AS REQUIRED

COMMENTS: _____

AS SSSS PROCEDURE 1/92

INDIVIDUAL SSD CASE STATUS

ASSIGNED #: _____
REVIEWER: _____
DATE ASSIGNED: _____
MAIL CONTROL #: _____

MANUFACTURER: _____
MODEL #: _____
CONTACT: _____
PHONE NUMBER: _____

FOR THE FOLLOWING, ENTER DATE OF COMPLETION, OR EXPLAIN DEFIENCIES.

	DATE	EXPLANATION
PAGE HEADING:		
COVER PAGE:		
DESCRIPTION:		
LABELING:		
DIAGRAM:		
CONDITIONS:		
PROTOTYPE TESTING:		
EXT. RAD. LEVELS:		
QA/QC:		
LIMITATIONS:		
SAFETY ANALYSIS:		
REFERENCES:		

	PHONE	LETTER
DEFICIENCY 1:		
DEFICIENCY 2:		
DEFICIENCY 3:		
DEFICIENCY 4:		

SPELL CHECK: _____
1ST. DRAFT: _____
2ND. DRAFT: _____
COMPLETED: _____
COMP. LETTER: _____

DISTRIBUTOR: _____ REGISTRATION #: _____

MODEL #: _____ REFERENCES: _____

DESCRIPTION	OK/DEF (✓/D - RESP DATE)	COMMENTS
FIRST PAGE		
Registrant's Name and Address		
Manufacturer's and Distributor's Name and Address		
Custom User's Name and Address		
Device Model Number		
Device Type		
User's Authority to Possess (general, specific, exempt)		
Radionuclides, Activity (Max w/% error), Form, Manufacturer, Model, NRC Registered		
DESCRIPTION		
Device/Source Design with Complete Engineering Drawings (dimensions, tolerances, list of materials)		
Assembly Methods (screw, welds, etc.)		
Source Mounting (size and integrity) and Security		
Is Source ANSI Classification Sufficient: Radiography - Unprotected - 43515 Radiography - In Device - 43313 Medical - Radiography - 32312 Medical - γ Teletherapy - 53524 γ Gauges - Unprotected - 43333 γ Gauges - In Device - 43232 β Gauges, Low Energy γ Gauges, or X-ray fluor - 33222 Oil Well Logging - 56522 Portable Moist/Density - 43333 Neutron Applications - 43323 γ Irradiators (II, III, IV) - 43424 γ Irradiators (I) - 43323 Chromatography - 32211 Static Eliminators - 22222 Smoke Detectors - 32222		
Definition of Shutter Operation		
On-Off Indicator (lock in Off, not in On)		
Safety Interlocks, Guards, etc. to prevent access to beam or high radiation levels		
Depleted Uranium Corrodes with Steel (copper/zinc as separator)		
Corrosion between Aluminum and Steel		

DESCRIPTION	OK/DEF (✓/D - RESP DATE)	COMMENTS
Well Logging sources must be nondispersible and nonsoluble		
Radiography Cameras/Sources per Part 34 checklist		
RADIATION PROFILES		
Survey Instrument Used (type, window, sensitivity, etc.)		
Conditions		
Distance from Source/Surface		
Shutter On and Off/Source Shielded		
Scatter (product in beam)		
Guards and Shields in Place		
INSTALLATION		
Fixed, Portable, Movable, Fixed Installation but portable source housing		
Inherent Shielding, Inaccessibility		
Interlocks, Locks, Barriers		
Beam Access: Size of Air Gap/Opening to Beam		
Mounting Integrity		
PROTOTYPE TESTING		
Tests Methods and Conditions (for source and device)		
Tests Results		
Years of Use (incidents, failures, etc.)		
QUALITY ASSURANCE		
Materials, Subassemblies, Services		
Assembly Methods (screws, welding, etc.)		
Dimensions and Tolerances		
Activity, Radiation Levels, Leak Tests		
QA Manual		
LABELING		
Copy of Label		
Materials, Dimensions, Colors		
Permanent Attachment and Location		

DESCRIPTION	OK/DEF (✓/D - RESP DATE)	COMMENTS
Contents: Model#, Serial#, Isotope, Activity, Manufacturer, Date of Assay, Trefoil, "CAUTION - RADIOACTIVE MATERIAL" (Depleted Uranium information must be included)		
SAFETY INSTRUCTIONS		
Operation, Maintenance, Calibration, Damage/Failure, Specific Warnings, Leak Test, and Radiation Surveys		
ACCOMPANYING DOCUMENTATION		
Leak Tests Results and Radiation Surveys		[illegible] , KS etc. - listing [illegible]
Transportation Documents		
Operation, Maintenance, Calibration, Damage/Failure, Specific Warnings, Leak Test, and Radiation Survey Instructions if Applicable		
SERVICING		
Manufacturer Provides or User Performs: Installation, Calibration Relocation, Leak Test Maintenance, Radiation Survey Repair, Training Source Change/Installation		
FOREIGN MANUFACTURERS		
Drop Ship		
Who and Where is Source Installed		
Leak Test and Radiation Surveys		
QA in the U.S.		

GC = all [illegible] table [illegible] ?

R[illegible] - [illegible] [illegible] [illegible] [illegible]

List of STD Lim. 13

STD Limitations - operations & labels must be checked & fixed or some wording about action being taken