

Monday, June 10, 2019

U.S. Nuclear Regulatory Commission (NRC)
Region III
Division of Nuclear Materials Safety
2443 Warrenville Road, Suite 210
Lisle, Illinois 60532-4352

Attention: Materials Licensing Branch

Re: U.S. NRC Materials License
No. 12-16941-01
Docket No. 030-11906
License Amendment Request

Gentlemen:

Professional Service Industries, Inc. (PSI) requests an amendment to U.S. NRC Materials License No. 12-16941-01, to add an additional device to the license authorization (source already authorized):

- 1. Please add the following device to Item 9.K of the (current) license:

Heuresis Pb200i

Please see attached a schedule of radioactive material (including the above-listed device).

PSI has license action currently pending (per PSI's 05/06/2019 letter to remove the address of PSI's former location in Troy, Michigan). If incorporating this new license action into the pending license action (mail control number 612136) is expeditious, PSI respectfully requests priority processing (due an immediate need to possess the Heuresis Pb200i x-ray fluorescence [XRF] device).

There are no other changes to the license at this time.

Your attention to this matter is greatly appreciated. Should you have any questions or if I can be of any assistance, please contact me at PSI's Arlington Heights, IL office at 630/426-6578 (direct), or via e-mail to john.thornton@intertek.com.

Sincerely,



John T. Thornton
PSI Safety Director/CRSO

JTT/
Attachment(s) – As Stated
cc: File

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SCHEDULE OF RADIOACTIVE MATERIAL (X-RAY FLORESENCE DEVICES)

Nuclide	Sealed Source	No single source to exceed	authorized use
Co-57	Isotope Products Laboratories Model CUSC0057, 012M3814N, or equivalent, North American Scientific model CUS0000C0057, 0150MN, or equivalent, Amersham Cooperation Model CTC.PI, X101/2, C64444, or equivalent, and/or El. DuPont de Nemours & Co., Inc. Model NER472, Le316, C43333 or equivalent.	15 millicuries (nominal)	For use in Radiation Monitoring Devices, Inc. Model LPA-1 portable x-ray fluorescence (XRF) device(s).
Co-57	Isotope Products Laboratory Model 3901 or equivalent.	10 millicuries (nominal)	For use in Heuresis Corporation Model Pb200i portable x-ray fluorescence (XRF) device(s).

USNRC REGISTRY OF RADIOACTIVE SEALED SOURCES AND DEVICES

MANUFACTURER/DISTRIBUTOR	REGISTRY NO.	MODEL NUMBER
RADIATION MONITORING DEVICES, Inc.	MD-0573-D-103-B	LPA-1
HEURESIS CORPORATION	MD-1397-D-101-B	Pb200i

FedEx

Express

ORIGIN ID:NDHA (630) 426-6593 SHIP DATE: 10JUN19
JOHN THORNTON ACTWT: 6.10 LB
PSI CAD: 0690612/CAFE3211
545 E. ALGONQUIN RD
SUITE N
ARLINGTON HEIGHTS, IL 60005
UNITED STATES US BILL SENDER

TO MATERIALS LICENSING SECTION
US NRC REGION III
DIV OF NUCLEAR MATERIALS SAFETY
2443 WARRENVILLE ROAD, SUITE210
LISLE IL 60532

(630) 829-9600 REF: AMDRED
DEPT: 922JIT

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