



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**

REGION I
475 ALLENDALE ROAD
KING OF PRUSSIA, PA 19406-1415

February 11, 2000

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Docket No. 040-08843

License No. STB-1451

Daryl Holcomb
Vice President & Chief Financial Officer
Prometcor, Inc.
Corporate Park III
Campus Drive
P.O. Box 6707

Somerset, NJ 08875-6707

SUBJECT: INSPECTION NO. 040-08843/99-003

Dear Mr. Holcomb:

On November 16, 1999, Steve Shaffer of this office conducted a safety inspection at 55 Manufacturer's Place, Newark, New Jersey of activities authorized by the above listed NRC license. The inspection was limited to observations by the inspector, interviews with personnel, selective examination of records, and confirmatory surveys of the area previously containing Buildings 1-5. The findings of the inspection were discussed with Jack Buddenbaum and Tal Ijaz of your organization at the conclusion of the inspection.

During the inspection, five soil samples were taken. The results of the analysis of these samples are summarized in Attachment 1 with a copy of McLaren Hart's sample location map. The results are provided in picocuries per gram (pCi/g). These results were compared to NRC's release limit of 10 pCi/g total thorium.

Within the scope of this inspection, no violations were identified.

Please note that the inspection results do not constitute approval by the NRC for release of your facility for unrestricted use. The results of this inspection, and all other applicable information available to the NRC, will be examined to determine if your facility may be released for unrestricted use by the reviewer who is responsible for amending your license.

In accordance with Section 2.790 of the NRC's "Rules and Practices," Part 2, Title 10, Code of Federal Regulations, a copy of this letter will be placed in the Public Document Room. No reply to this letter is required.

D. Holcomb
Prometcor, Inc.

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Your cooperation with us is appreciated.

Sincerely,

Original signed by Ronald R. Bellamy

Ronald R. Bellamy, Chief
Decommissioning and Laboratory Branch
Division of Nuclear Materials Safety

cc:
Jack Buddenbaum, C.H.P., Radiation Safety Officer
Jenny Moon, State of New Jersey

D. Holcomb
Prometcor, Inc.

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OFFICE	DNMS/RI	N	DNMS/RI	DNMS/RI		
NAME	Sshaffer SWS	Rbellamy RRB1				
DATE	02/08/2000	02/08/2000				

OFFICIAL RECORD COPY

Attachment 1

Soil Sample Results

<u>Location</u>	<u>Th-232</u> <u>pCi/g (1)</u>	<u>Th-228</u> <u>pCi/g (2)</u>	<u>U-238</u> <u>pCi/g (3)</u>	<u>Ra-226</u> <u>pCi/g</u>
3B-4	1.53±0.04	1.57±0.01	0.8±0.6	4.2±0.5
2B-3	3.06±0.05	3.59±0.02	<3	12.0±2.0
3B-2	1.36±0.04	1.38±0.01	3.1±0.8	4.4±0.6
6C-2	1.09±0.03	1.03±0.01	1.4±0.5	0.9±0.3
4B-4	1.35±0.04	1.45±0.01	1.0±0.8	4.0±0.7

(1) - Thorium-232 activity was inferred from the daughter Ac-228

(2) - Thorium-228 activity was inferred from the daughter Pb-212

(3) - Uranium-238 activity was inferred from the daughter Pa-234m