



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION I
475 ALLENDALE ROAD
KING OF PRUSSIA, PENNSYLVANIA 19406-1415

June 29, 2007

Docket No. 03036614
Control No. 140557

License No. 01-25393-03

Wesley Cleveland
Radiation Safety Officer
Teledyne Brown Engineering, Inc.
300 Sparkman Drive
P.O. Box 070007
Huntsville, AL 35807-7007

SUBJECT: TELEDYNE BROWN ENGINEERING, INC., REQUEST FOR ADDITIONAL INFORMATION CONCERNING APPLICATION FOR TERMINATION OF LICENSE, CONTROL NO. 140557

Dear Mr. Cleveland:

This is in reference to your letter dated May 24, 2007 requesting to terminate Nuclear Regulatory Commission License No. 01-25393-03. In order to continue our review, we need the following additional information:

1. In order to terminate your license, you must demonstrate that facilities in which these radioactive materials were used do not have residual contamination exceeding the license termination criteria found in Subpart E of 10 CFR Part 20. You may use the dose assessment method or you may use screening criteria, as described in NUREG-1757 "Consolidated NMSS Decommissioning Guidance" (NUREG-1757), Volume 2, "Characterization, Survey, and Determination of Radiological Criteria". You may be able to use the survey method described in NUREG-1757, Volume 2, Appendix B, "Simple Approaches for Conducting Final Radiological Surveys". Please submit the results of these surveys and the latest sealed source leak test surveys, as required by 10 CFR 30.35 (g).
2. In support of an environmental assessment related to the release of your facility:
 - a) Provide the size of the (complex in acres) building in square feet and area to be released in square feet.
 - b) Describe the type(s) of building use(s) such as "general office and laboratory"
 - c) Describe the surrounding areas, such as "residential", "industrial", "commercial", "mixed residential/commercial", etc.
 - d) Indicate if any of the buildings being released would be considered a historical structure. If so, please state the historical importance and the effect, if any, that releasing the building would have on the structure.

W. Cleveland
Teledyne Brown Engineering, Inc.

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- e) Specify the date when licensed activities were ceased.

Current NRC regulations and guidance are included on the NRC's website at www.nrc.gov; select **Nuclear Materials; Medical, Academic, and Industrial Uses of Nuclear Material; Regulations, Guidance, and Communications**. You may also obtain these documents by contacting the Government Printing Office (GPO) toll-free at 1-888-293-6498. The GPO is open from 7:00 a.m. to 8:00 p.m. EST, Monday through Friday (except Federal holidays).

We will continue our review upon receipt of this information. Please reply to my attention at the Region I Office and refer to Mail Control No. 140557. If you have any technical questions regarding this deficiency letter, please call me at (610) 337-6942.

If we do not receive a reply from you within 30 calendar days from the date of this letter, we will assume that you do not wish to pursue your application.

Sincerely,

Original signed by Michelle Beardsley

Michelle Beardsley
Senior Health Physicist
Commercial and R&D Branch
Division of Nuclear Materials Safety

cc:
John Newton

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SUNSI Review Complete: MBeardsley

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NAME	MBeardsley/MRB						
DATE	6/29/2007						

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