

TENNESSEE VALLEY AUTHORITY  
MUSCLE SHOALS, ALABAMA 35660  
National Fertilizer Development Center  
May 31, 1985

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Mr. Vandy L. Miller, Chief  
Material Licensing Branch  
Division of Fuel Cycle and Material Safety  
Office of Nuclear Material  
Safety and Safeguards  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Dear Mr. Miller:

Pursuant to the guidelines set forth in CFR Title 10, Part 30.38, we request that TVA's Materials License 01-06113-03 Amendment 08, renewed (Amendment 07) September 21, 1983 and expiring September 30, 1988, be amended (Amendment 09) as indicated below.

- Item 6 - add subitem F. Cesium 137 (sealed source).
- Item 7 - add subitem F. Nuclear Research Corporation Type SH352-50.
- Item 8 - add subitem F. Not to exceed 50 millicuries per foil.
- Item 9 - add subitem F. For use in level detector device on liquid storage vessels.

Note: A detailed description of the use and location of the sealed sources, new subitem 6F, is given on Supplemental Page 1, enclosed.

CONDITIONS

- Item 12 - Add, "The licensed material listed in (the new) subitem 6F may also be used by or under the supervision of Roger L. Griffith."

Mr. Griffith's qualifications are given on Supplemental Page 2, enclosed.

If you have any questions about this request please contact G. T. Jones, Radiation Control Supervisor, or his supervisor G. M. Blouin, TVA, 333 CEB, Muscle Shoals, Alabama 35660.

Sincerely,

*George Hoffmeister*  
George Hoffmeister, Chief  
Development Branch

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| RECEIVED BY LFMB |           |
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Enclosure

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Supplemental Page 1, Item 6F

The subject sealed sources are to be used in the ethanol-from-wood pilot plant located at the licensee's facilities at Muscle Shoals, Alabama. The purpose of the sources is to detect maximum liquid levels in one or more fluid storage vessels.

Supplemental Page 2, Item 12

Roger L. Griffith

Education: B.S. Chemical Engineering, Virginia Polytechnic Institute, 1957; Industrial Engineering and Management, University of Tennessee 1969 (MS thesis not completed).

Experience:

January 1981 to present: Section supervisor (M-5), Ethanol-from-Wood Projects, engineering design and construction of pilot plant, TVA.

September 1979 to January 1981: Facilities and Projects Manager (M-5), flue-gas desulfurization pilot plant, TVA.

August 1976 to September 1979: Assistant to Technical Director, American Cyanamid Company, Savannah, Georgia.

Mr. Griffith will receive four hours of instruction in health physics orientation as provided by the Health Physics Services, Division of Nuclear Services, Tennessee Valley Authority.

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