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HIGGERSON-BUCHANAN, INC.

GENERAL CONTRACTORS

P. O. BOX 13246 • 5300 Bainbridge Blvd. • CHESAPEAKE, VIRGINIA 23325 • PHONE 545-4665

U.S. NUCLEAR REG.
COMMISSION
HRS. MARK SECTION

April 15, 1980

FCRL:LT
Mail Control No. 02500

Division of Fuel Cycle and Material
Safety, Office of Nuclear Safety and
Safeguards, U.S. Nuclear Regulatory
Commission
1717 H. Street, N.W.
Washington, D.C. 20555

ATTENTION: Mr. James A. Jones

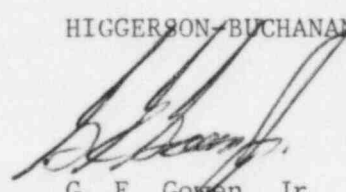
Dear Mr. Jones:

In reference to your letter dated February 22, 1980, the requested additional information for support of our application for a by-product material license is submitted for your approval.

If there are any questions, please feel free to contact us.

Yours very truly,

HIGGERSON-BUCHANAN, INC.


G. E. Goven, Jr.
Soils Engineer

GEGJr:tas
Encl.
cc: files

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HIGGERSON-BUCHANAN,
April 15, 1980
Radioactive Material License
Supplement

Item V:- Duties and Responsibilities of the Radiation Safety Officer

Mr. George E. Gowen, Jr. has been named as the Radiation Safety Officer for Higgeson-Buchanan, Incorporated. As Radiation Safety Officer, it will be his responsibility to inspect, coordinate and ensure compliance with all applicable U.S.N.R.C. and Department of Transportation regulations, in addition to the following items:

- a. To assure that all by-product material conforms with those listed on the U.S.N.R.C. license.
- b. To assure that the by-product material devices are used only by trained individuals that are authorized by the license.
- c. To assure that all proposed authorized individuals are trained by the manufacturer and have a thorough knowledge of the company's radiation protection program and precautions to be taken.
- d. To assure that personnel monitoring equipment is worn by all individuals authorized in the use of the device or guage.
- e. To serve as the initial point of contact in the event of an emergency and to assure that the proper authorities are notified and to provide them with necessary assistance.
- f. To assure that all individuals are aware of the terms and conditions of the license. In addition to assuring that leak tests are performed at the specified time, and that all records, such as personal exposure, leak test, etc., are up to date and in compliance with the appropriate U.S.N.R.C. regulations, requirements and license conditions.

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HIGGERSON-BUCHANAN, INC.
April 15, 1980
Radioactive Material License
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Item XIV: Radiation Protection Program

- a. The moisture density device will be transported in the manufacturers protective case which will be chained and locked in back of specified company vehicles only. These vehicles are equipped with steel locking camper shells and two-way communication. Vehicles will be labeled appropriately if the radiation level exceeds the Department of Transportation limits.
- b. When moisture density devices are to be stored on temporary job sites, they will be stored and locked in secure area which permits access only to authorized company representatives, (mobile laboratory, specified company security vehicle only).

UNDER NO CIRCUMSTANCE WILL AN UNSECURED DEVICE OR
GUAGE BE LEFT UNATTENDED.

- c. Enclosed is a copy of the U.S.N.R.C. recommended instructions for immediate emergency action in incidents involving radioactive material, which will be posted in each specified company vehicle.
- d. Any operations which is questionable will be halted and the Radiation Safety Officer notified. Under no circumstance will any company representative attempt to perform any maintenance on any device and/or guage. Repairs will be performed by the manufacturer only.
- e. Leak Test will be performed as required by the radioactive material license, using the Troxler Model 3880 Leak Test Kit.

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