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(17193)

SEP 1 1970

Neutron Products, Incorporated  
ATTN: Mr. Thomas O. Ziebold  
Vice President  
P. O. Box 95  
Dickerson, Maryland 20753

Gentlemen:

With regard to our telephone conversation of August 27, 1970, you should submit the following in support of your application for amendment to Byproduct Material License No. 19-12667-01:

1. Further information on your procedure of dumping liquid radioactive waste into the canal. When is this procedure used and for what reason? Will the filter and ion exchange column be monitored? How often and at what exposure level will they be changed? What procedures will be used for changing the filter and ion exchange column should they become grossly contaminated with radioactive waste?
2. Confirmation that the emergency exhaust fan will be located in the same duct system as the primary exhaust fan, thus assuring all air will pass through the filters.
3. Detailed working and radiation safety procedures used for opening, reforming and re-encapsulating cobalt 60 sources. In your letter of August 5, 1970, you stated, "Operations such as sawing or milling, which generate fine particles, will generally be avoided, but if necessary, they will be carried out in such a way as to keep airborne contamination below tolerable levels." Explain what is meant by "tolerable levels" and explain in detail how airborne contamination will be kept below these levels.

EX-2

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Information in this record was deleted in accordance with the Freedom of Information Act.  
Exemptions 2  
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5. Procedures used for replacing the air filters. This should include procedures for replacing filters which have become grossly contaminated.
6. Procedures for monitoring for and controlling spread of contamination.
7. Procedures for handling emergency situations.

When the above information is received, review of your application will continue.

Sincerely,

ORIGINAL SIGNED BY  
GENE W. HENDRIX

Gene W. Hendrix  
Materials Branch  
Division of Materials Licensing

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