

MAY 30 1985

Docket No. 030-21260  
Control No. 103803

Ecogen Inc.  
ATTN: Barry Levinson, Ph.D  
P. O. Box 6818  
Lawrenceville, New Jersey 08648

Gentlemen:

This is in reference to your application dated May 8, 1985, for a byproduct material license. In order to continue our review, we need the following additional information:

1. Describe the surveys that will be performed to assure compliance with 10 CFR 20. Specifically, the breathing zone air surveys in the restricted area and the effluent air surveys in the unrestricted area. Please specify the frequency and the action levels that will be taken when positive results are obtained.
2. If thyroid counts will be used to determine compliance with 10 CFR Section 20.103, "Exposure of Individuals to Concentrations of Radioactive Material in Air in Restricted Area", please specify the frequency for performing the bioassay, and the type of action taken when positive results are obtained. If you will comply with the criteria and the frequency for performing bioassays, and the action taken when positive results are obtained contained in Regulatory Guide 8.20, "Applications of Bioassay for I-125 and I-131", please state this in your response. However, if your criteria, frequency or action differ, then please specify each in the response.
3. In your application, you list the Curriculum Vitae for Dr. E. A. Christman. Since he is not listed as one of your authorized users, it is assumed that he is your consultant. If this is correct, please specify his duties and the amount of time that he will be assisting in the direction of your radiation safety program.
4. It appears that only Dr. B. L. Levinson has any experience with iodine-125. Please provide additional information concerning the experience of other authorized users to perform iodinations.

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We will continue our review upon receipt of this information. Please reply in duplicate to my attention at the Region I office and refer to Mail Control No. 103803.

Sincerely,

Original Signed By:  
Jack Davis

Jack Davis  
Nuclear Materials Safety Section A  
Division of Radiation Safety  
and Safeguards

Enclosure:

1. 10 CFR Parts 20
2. Regulatory Guide 8.20

RI:DRSS  
Davis/djh  
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