

May 18, 1978

United States Nuclear Regulatory Commission  
Washington, D.C. 20555

Attention: George Lear, Chief  
Operating Reactors Branch #3  
Division of Operating Reactors  
Docket #50-263



Dear Mr. Lear:

Thank you for sending the Commission's Amendment #34 to Provisional Operating License #DPR-22 together with NRC's Safety Evaluation for the Monticello Nuclear Generating Plant.

Please furnish answers to the following:

1. What is the present amount of curies stored at Monticello?
2. What will be the amount of curies at Monticello after the October, 1978 refueling?
3. What will be the amount of curies in 1991?
4. What will be the total amount of curies discharged to the environment by the enlarged Spent Fuel Pool to the year 1991?
5. How much radioactive krypton will be discharged to the environment in curies per year? What is total amount to 1991?
6. How much radioactive iodine will be discharged to the environment in curies per year? What is total amount to 1991?
7. How much radioactive tritium will be discharged to the environment in curies per year? What is the total amount to 1991?
8. How much other radioactive gases will be discharged to the environment in curies per year? What is the total amount to 1991?

Throughout the report, you mention charcoal filters for removal of radioactive iodine and I'm wondering why all radioactive iodine is not filtered through the charcoal instead of released to the environment. I oppose, as do others, the release of any radioactive iodine to the environment, or for that matter any radioactivity to environment.

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United States Nuclear Regulatory Commission

May 18, 1978

Page 2

How much tritium is released to the water environment in curies per year?  
How much other radioactive material is released to the water environment per year? How much increase due to enlarged SFP?

What is the meaning of the following statement:

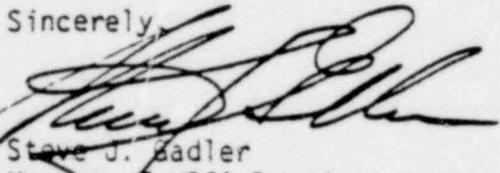
"Since some airborne releases of radioactive iodine and tritium gases to the atmosphere, which results from leakages of reactive coolant may be small compared to the amount normally released"?

What is the amount in curies of both gases that is normally released? Why are these gases not directed to the charcoal filters?

About the assumptions you've made concerning the fuel pool temperatures and concerning the occupational radiation exposure. Also the assumptions you have made on page 9 where you state that the increase in occupational radiation exposure to individuals in the Spent Fuel Pool would be negligible. What do you mean by negligible?

Thank you for your help in the above.

Sincerely,



Steve J. Badler  
Member of MPCA Board

SJG/slt