

MAY 11 1992

License No. SNM-1957

LICENSE FILE SNM-1957

Frontier Technology Corporation
ATTN: E. F. Janzow, Ph.D.
President
2671 Crone Road
Xenia, OH 45385

Dear Dr. Janzow:

This refers to a May 8, 1992 teleconference with Messrs. John A. Grobe and George M. McCann of my staff and summarizes our response to your letter dated April 8, 1992, which provided corrections and comments to our letter of March 12, 1992. The following topics were discussed:

1. Confirmatory Action Agreement

We note your comments regarding the manner in which the subject of hazardous flammable materials was handled at your facility by the site team and which subsequently resulted in a Confirmatory Action Letter. Nevertheless, we believe that storage of large quantities of the Class 1C flammable materials (with or without) a strong oxidizer (35% H₂O₂) in your facility constituted an unacceptable risk. Mr. McCann discussed the presence of the flammable material and its potential hazards with NRC management and your local fire department prior to requesting your removal of these materials. Although you were reluctant to remove the flammable materials, after discussion of the options available, you agreed to the actions described in the Confirmatory Action Letter.

2. Use of DOT Approved Shipping Containers for Storage

We recognize that the flammable materials stored in your facility were in containers approved by DOT for transportation. The DOT regulations are based on entirely different assumptions and parameters than building fire codes. While the material was maintained in the original shipping drums, storage of large quantities of these materials in an unprotected area is not appropriate. The National Fire Protection Code (NFPA) 30 for incidental storage of Class 1B, 1C, II, and III liquids in containers, and NFPA 45 Chemical Storage, Handling, and Waste Disposal, addresses storage of such materials.

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Specifically, Section 5-2.2.1 of (NFPA) 30 states that the quantity of liquid that may be located outside of an inside storage room or storage cabinet or in any one fire area of a building shall not exceed the greater of:

- a. A supply for one day;
- b. 25 gal (94 L) of Class IA liquids in containers; or
- c. 120 gal (454 L) of Class IB, IC, II or III liquids in containers.

3. Error in Facility Address

In our letter dated March 12, 1992, we inadvertently referenced your mailing address when referring to your facility location. We apologize if this caused any confusion.

As stated in our letter of March 12, 1992, we are satisfied with your actions and consider the matter closed. Any further exchange of letters on this matter does not appear to be productive. If you desire to discuss this matter further, I will be happy to meet with you in our Glen Ellyn Offices.

In accordance with 10 CFR 2.790 of the NRC's "Rules of Practice," a copy of this letter and your submittal will be placed in the NRC Public Document Room.

Sincerely,

Charles E. Norelius, Director
Division of Radiation Safety
and Safeguards

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