

**From:** Alfred Lembrich [alsoldies@yahoo.com]  
**Sent:** Wednesday, November 28, 2012 10:55 PM  
**To:** Lynch, Steven  
**Cc:** alsoldies@yahoo.com  
**Subject:** Questions and concerns on the proposed Shine isotope facility in Janesville

Dear Sir:

First I hope you received my earlier emails dated Nov. 9th & 16th. Let me know if you received them both or not.

Shine held a brief presentation on their project, showing a building layout and held a short Q & A period on Nov. 14th here in Janesville. We learned, after questioning them, that they will have 8 accelerators in the building. Will they each have to be licensed? Will they each have an identification number? I ask this, that if there is a problem in one that it is identifiable and/or if one is removed and a replacement is installed, we want to be sure the new one meets all the prescribed requirements, if & when inspections are conducted. They were very vague about who is responsible for leakage, damage, contamination and cleanup. They just mumbled they would take care of it, skipping right over it, without a real answer.

Shine talked about their accelerators using a salt brine inside them in their process if I remember right. I am concerned about the corrosive nature and damage this will cause the accelerators. I am also concerned about this corrosive waste and discharge of this used uranium salt brine. Will this then cause city expense to upgrade our city disposal system to handle this uranium salt brine corrosive waste, which ends up in the Rock River?

The building seems to be quite high in height. What is the reason for that height? Will these accelerators be installed in a basement level, first floor or what. I read that most airport accidents occur where planes veer off to the side where the runway ends and it appears that this high building sits just off to the side of where the runway ends.

I mentioned to Shine that I read that the North Star proposed isotope facility just 12 miles down the road in Beloit, will use a different process (without uranium processing) that is safer than Shines process. Shine officials stated flat out that North Star was not nearly as safe as Shines process. Is this true? Could you explain the main differences?

Also I would suggest that NRC officials who will be regulating any isotope facility being proposed here in the US, take an investigatory trip to the Canada isotope facility that will be closing. Find out what requirements and controls they have in place. Check on their environmental issues. Check on their operational safety issues. Check on their waste disposal safety and issues. Check on any contamination issues they may have and how they are dealt with. Check on their site closing requirements. Are those sites free of contamination and reusable by anybody after shutdown? Who pays for any required cleanup there? Are those owners and operating companies required to pay all required cleanup expenses? Are they required to have a pre-financed finance account, insurance or designated account to cover any accident or

contamination issues? I believe the NRC could greatly increase their knowledge and how to regulate any such facility in the US. I know that the Canada facility uses a higher grade of uranium, but I think any information gained on site in Canada would be beneficial.

I know you have meetings with Shine officials today and tomorrow. Thought I would present our thoughts, concerns and questions, so you have a range of things that need to be considered. Let me know what the answers to my questions are from my other two emails and this email, when you find out. Thanks.

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