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# Fernald Cleanup Progress Briefing

September 14, 1999

**We welcome your feedback!**

1 Please check the appropriate response:

*This is the first Cleanup Progress Briefing I have attended.*

*I regularly attend Cleanup Progress Briefings when my schedule permits.*

2 Please indicate any questions or comments you have about the information presented tonight.

*Attached*

3 I would appreciate a personal response to my question(s) noted above and can be reached by telephone or email at the following phone number or email address:

[Redacted]

4 Please indicate any ideas or suggestions for future Cleanup Progress Briefings.

*Thank you!*

Optional: Name *Gerald L Gels*

Phone [Redacted]

*251-2730 (w)*

-- 2515

check with Jennie

September 15, 1999

Comments on the 09/14/99 Fernald Cleanup Progress Briefing

#1 Question: When will the 1998 ISER be released? It has been "advertised" as completed since May or June, but it is still not available at the PEIC. Last week, they said it required a DOE cover letter before it could be released. What is the holdup?

Silos Proj

#2 Comment: At past meetings, it has been stated that data has indicated that patching of the foam insulation on the Silo domes has been successful in reducing radon emissions by a factor of three. I have stated, and continue to maintain, that patching of exterior foam should have no discernable effect on radon emissions. I compared the average radon concentration at AMS-06 for January through May of 1999 (pre-foam repair) to the average for June and July (post-foam repair). The post-foam repair average is 50% higher than pre-repair, which calls into question the data used to support the claim of a factor-of-3 decrease. This also ties in with my next comment.

Silos Proj

#3 Comment: Ohio EPA has placed a "background" radon detector at Crosby School, which is less than 2 miles from the K-65 Silos. Over the past 8 weeks or so, I have accessed the OEPA website and noted the radon concentrations at their three sites. Of the 30 observations (most of them around 07:00 AM), 21 times (70% of the time) the concentration was at or above 1.90 pCi/L. One day this week, the concentration was reported to be 4.00 pCi/L. On July 20, I suggested to Dave Yockman, Don Paine, Doug Daniels and Paul Pimentel that FDF co-locate a real-time monitor at that location. I strongly re-emphasized that suggestion last night to Don Paine. Since July 20, I have changed my opinion of the OEPA data from that location. It no longer seems like "bad" data to me, based on more extended observation of it. I had originally mis-estimated the distance to Crosby School, thinking that it was more than twice its actual distance from the Silos. Since it is less than 2 miles distant, the elevated numbers, while shocking to me, seem very possible now. The data from that location "behave" just as one would expect at a site that is under the influence of emissions from the K-65 Silos. I think this is a major problem that needs to be addressed by DOE and FDF. Once again, I will express my willingness to sit down and discuss a pressure differential method of radon control that will eliminate these emissions. If anyone wants to listen, I will be happy to explain how a relatively simple and inexpensive technique can accomplish this task. And this ties in with my next comment(s).

Silos Proj

#4 Comment: Concerning the Radon Control System (RCS) for the Accelerated Waste Retrieval (AWR) project:

- A: I do not agree that AWR is either necessary or a smart idea.
- B: If FDF is determined to do this project anyway, the proposed RCS has many problems.
- C: One "for instance" (and there are many more) is that the general philosophy of trying to maximize flow rates and volumes treated is wrong. The philosophy SHOULD be to control the pressure (repeat, to control the pressure) by pumping the LEAST volume that will do the job of controlling that pressure. You do NOT want to try to transfer lots of radon to charcoal. No matter how much you transfer, the Silo residues will "just make more" for thousands of years into the future. This should not become a macho engineering contest of who has the biggest ... pump.
- D: I am willing to discuss how to do this. But, please don't pre-judge what you think I'm going to say.

Gerald L. Gels



251-2730 (W)

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3

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Q & A AT END OF EACH PRESENTATION  
LIMIT Q & A PERIODS.

3. I would appreciate a personal response to my question(s) noted above and can be reached by telephone or email at the following phone number or email address: \_\_\_\_\_

4. Please indicate any ideas or suggestions for future Cleanup Progress Briefings.

SEE #2 ABOVE

Thank you!

Optional: Name

KEN MOORE

Phone



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*- moved microphone during Q & A -*

Thank you!

Optional: Name Steve Degee - Phone 

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✓

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I would like a copy of the monitoring well reports/results

3. I would appreciate a personal response to my question(s) noted above and can be reached by telephone or email at the following phone number or email address: \_\_\_\_\_

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current photo excellent/helpful  
Thank you!  
color "cleanup status" photo excellent. lots of info/small space.

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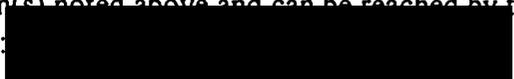
*I regularly attend Cleanup Progress Briefings when my schedule permits.*

X

2. Please indicate any questions or comments you have about the information presented tonight.

*A video presentation for each update presentation!*

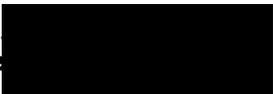
3. I would appreciate a personal response to my question(s) noted above and can be reached by telephone or email at the following phone number or email address:



4. Please indicate any ideas or suggestions for future Cleanup Progress Briefings.

*microphones for speakers talking in audience!*

Thank you!

Optional: Name   Lisa Crawford   Phone 

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X

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*Videos, good ideas:  
Good meeting. Thank you.*

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*Thank you!*

Optional: Name \_\_\_\_\_ Phone \_\_\_\_\_

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Please indicate any questions or comments you have about the information presented tonight.

*One of the best briefings I've attended. Presenters did a good job and attendees asked intelligent questions. I learned a lot. Keep up the good work.*

I would appreciate a personal response to my question(s) noted above and can be reached by telephone or mail at the following phone number or email address: \_\_\_\_\_

Please indicate any ideas or suggestions for future Cleanup Progress Briefings.

*Good use of video.*

Thank you!

Name A. Nonymous Phone \_\_\_\_\_

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4. Please indicate any ideas or suggestions for future Cleanup Progress Briefings.

Thank you!

Optional: Name Carol Schuman Phone \_\_\_\_\_

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*NONE @ THIS TIME, WILL CONTACT APPROPRIATE PARTY WHEN NEEDED.*

3. I would appreciate a personal response to my question(s) noted above and can be reached by telephone or email at the following phone number or email address:           N/A          

4. Please indicate any ideas or suggestions for future Cleanup Progress Briefings.

*LIKED THE VIDEO'S.*

Thank you!

Optional: Name           PAM DUNN           Phone 