

January 8, 2008

Mr. Mike McCann
U.S. Nuclear Regulatory Commission
Region III
2443 Warrensville Road
Suite 210
Lisle, IL 60532-4352

Battelle
The Business of Innovation

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Columbus, Ohio 43201-2693
(614) 424-6424 Fax (614) 424-5263

Dear Mr. McCann

Subject: Submittal of the Battelle document titled "West Jefferson North Site Dose Assessment, Revision 1" dated January 2008 for NRC review.

Battelle is submitting two copies of the document titled "West Jefferson North Site Dose Assessment, Revision 1" for NRC review as an updated site dose assessment to support the Battelle NRC SNM-7 License termination request to be granted license release as an unrestricted use site. The original site dose assessment titled "West Jefferson North Site Dose Assessment" dated July 2006 was submitted to the NRC for review on July 17, 2006.

Battelle has determined through a recently completed detailed hydrogeology study that a ground water layer approximately fifty feet closer to the land surface than our original dose assessment modeled groundwater layer is capable of providing drinking water and other pathway type uses under a farmer use scenario at the West Jefferson North Site. For this reason, Battelle has updated the dose model to include the use of this groundwater layer for those pathways. Battelle has also updated dose model soil and hydrogeology parameters as a result of the hydrogeology study in this revision.

Battelle is also submitting two copies of the report titled "Hydrogeological Assessment of the Battelle West Jefferson Former North Nuclear Site" dated December 10, 2007 as it is a substantial reference used in the development of the "West Jefferson North Site Dose Assessment, Revision 1" document.

If you have any questions or comments concerning this request please do not hesitate to call me at 614-296-1370.

Sincerely,



Joe Jacobsen
BCLDP Radiation Safety Officer

Attachments (4)

RECEIVED JAN 10 2008