February 19, 2008

MEMORANDUM TO: Battelle Memorial Institute File
West Jefferson, Ohio
License No.: SNM-00008
Docket No.: 070-00008

FROM: Patrick Louden, Chief ***/RA/***
Decommissioning Branch
Division of Nuclear Materials Safety

MEETING DATE: February 13, 2008

SUBJECT: FOLLOWUP MEETING WITH OHIO ENVIRONMENTAL PROTECTION AGENCY (OEPA)

PRINCIPAL MEETING PARTICIPANTS

NRC
Patrick Louden, Chief, Decommissioning Branch, RIII
* George Mike McCann, Senior Health Physicist, RIII
* Jon Peckenpaugh, Hydrogeologist, HQ

OHIO EPA
Mike Baker, Chief, Division of Drinking and Ground Waters
Tom Allen, Assistant Chief, Division of Drinking and Ground Waters
* Linnea Saukko, Groundwater Manager
Isaac Robinson, Chief, Central District Office
Melissa Fazekas, Deputy Director for Communications
Scot Foltz, Drinking Water Manager

BATTELLE
* Joe Jacobsen, West Jefferson Site Radiation Safety Officer
* Gretchen Farnung, CHP, Environmental Protection Manager
Steve Maheras, PhD, CHP, Health Physicist

OAK RIDGE INSTITUTE FOR SCIENCE AND EDUCATION
* Dale Condra, Laboratory Manager ORISE

* participated via telephone

CONTACT: Patrick Louden, DNMS
630-829-9627

On February 13, 2008, a working level meeting was held between the NRC and the OEPA, at the OEPA offices in Columbus, Ohio. The purpose of the meeting was to discuss followup questions that the OEPA had with regards to the consultation closeout letter that was sent to them from the NRC dated January 22, 2008 (ML080230126).

Battelle representatives were invited to the meeting to assist with information to clarify the OEPA's followup questions.

The main questions that the OEPA had involved the following:

1) an explanation of differences in parameters used from an earlier dose model and one completed in November of 2007;
2) an explanation of Maximum Concentration Limits and how those limits relate to NRC unrestricted release dose limits;
3) an explanation of reasoning behind only collecting one sample set in the 2006 "new" wells; and
4) an explanation of the determination that detected uranium in the soil or water was natural background.

Mr. Louden facilitated the discussion which lasted approximately two hours.
Dr. Steve Maheras of Battelle led a discussion on the details of the two different dose model calculations. Dr. Maheras also provided a description of the differences in EPA MCLs and NRC dose limits. Mr. Peckenpaugh and Mr. McCann provided detailed descriptions of the analytical approaches used for assessing groundwater impacts at the site and the purpose and reasoning behind the 2006 wells and the single sample set. It was noted that data from the 2006 sample set was consistent with sample data from other wells collected throughout the decommissioning process. Finally, a discussion with multiple participants involved the determination that uranium identified in well samples was indicative of natural background. Mr. Baker acknowledged that the OEPA's questions had been answered and thanked the NRC and Battelle representatives for the time and effort given to address their questions. With that, the meeting was ended.

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