

SEP 28 1983

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MEMORANDUM FOR: Robert J. Wright
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FROM: Mark J. Logsdon
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SUBJECT: "OPEN ITEMS" IN SD-BWI-DIC-001: GROUNDWATER

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1. The "open items" (SD-BWI-DIC-001, Table IV) pertaining to hydrochemistry for which NRC made a commitment in the meeting of June 13-17, 1983, to provide more detailed discussions were addressed in writing in a memo from Mark Logsdon to Robert J. Wright dated July 7, 1983. Dr. Verma transmitted the written clarifications to DOE/RHO at the Hydrogeology Workshop in Richland, Wa., July 11-15, 1983. I have not received any comments or questions from DOE/RHO about my clarifications. Further discussion of these topics may be appropriate at the upcoming Geochemistry/Waste Package/Hydrochemistry Workshop, and an agenda item pertaining to them should be considered.

2. P. IV-4, item #1: Flow directions

The NRC staff discussed the importance of establishing a long-term head-monitoring network at the BWIP during the July 11-15, 1983, Hydrogeology Workshop. It is the position of the staff that long-term measurements of hydraulic head are required before one can establish firmly the directions of groundwater flow. This topic is discussed in the Draft Site Technical Position on Hydrologic Testing Strategy, which BWIP has reviewed in early draft stages.

3. P. IV-5, item 3; and P. IV-6, item 2: Sampling techniques

Sampling techniques are discussed briefly in the Draft STP. The benefits of multiple-port piezometers were discussed by the NRC and

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BWIP staffs during the July 11-15, 1983 workshop. This is a particular topic that could be added to the Hydrochemistry agenda for the upcoming workshop. Our contractors could provide us with a written position if further clarification is still required.

- 4. The level of detail of both the NRC items and the BWIP responses is highly variable. Typically, BWIP has responded on a general level, and it is not clear that the future plans will address fully the spirit of the NRC item. For example, p. III-41, item 2:

Item Reference: Section 5.1.5, p. 5.1-105, ¶5

NRC Comment: "Future work". parameter. "/3,9 ...

Status: Agreed

BWIP Response: Relevant plans to measure EL will be discussed with the NRC staff as they are developed.

No one can argue with the answer, but it does not even commit BWIP to addressing the issue through specific plans in the SCP. In short, both DOE and NRC should anticipate that there will continue to be open items in future reviews. The subject document and its associated workshops and other interactions can help document progress toward licensing, but they cannot be used as a mechanism for "closing out" issues.

ORIGINAL SIGNED BY

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