

you

Needs to address the EPA and individual dis criteria with a which must be identified by the MWG. *Additional comments later*

6/16/86

Draft copy of issues. Will be revised (need to add more issues). FYI.

Mike Weber

1986 HLW SITE-SPECIFIC PLANNING  
BWIP - HYDROLOGY

1.0 Significant Issues

1.1 Siting Criteria

1.1.1 Would the nature and rates of hydrogeologic processes operating in the Quaternary Period, when projected, not affect or favorably affect the ability of the geologic repository to isolate HLW? (§60.122(b)(1))

1.1.1.1 What are the hydrogeologic processes operating in the Quaternary Period?

1.1.1.2 What are the rates of these processes?

1.1.1.3 What is the baseline performance of the geologic repository with respect to the EPA release limits?

1.1.1.4 How would the hydrogeologic processes, when projected, affect the ability of the geologic repository to isolate HLW?

1.1.2 Is the repository setting characterized by favorable hydrogeologic characteristics? (§60.122(b)(2))

1.1.2.1 What is the host rock and surrounding hydrogeologic units?

1.1.2.2 What is a "low permeability?"

1.1.2.3 Does the host rock have a low horizontal and vertical permeability?

1.1.2.4 What is a "dominantly horizontal" hydraulic gradient?

1.1.2.5 Are the hydraulic gradients in the host rock and surrounding units dominantly horizontal or downward?

1.1.2.6 Are the vertical permeability and hydraulic gradients low between the host rock and surrounding units?

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PDR WASTE  
WM-10 PDR

WM Record File  
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WM Project 10  
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