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JUL 28 1988

Mr. Rodney R. Nelson
U.S. Department of Energy
Weldon Spring Site Remedial
Action Project
Route 2, Highway 94, South
St. Charles, Missouri 63303

Dear Mr. ~~Nelson~~ Rod:

We have reviewed the revised interim response action proposal for construction of an isolation system at the Ash Pond. In general, the revised document is sufficiently responsive to the comments we provided on the original submission. However, there are some remaining deficiencies in the area of conceptual design that make it difficult for us to assure that the dike system will be properly engineered for the site-specific conditions, and will meet the response action objectives. Our specific concerns are outlined below.

- Design criteria on the retention capacity of the Ash Pond isolation dike should have been presented. In particular, the dike should be designed to retain surface run-off from a defined storm event.

- The conceptual design should include a detailed description of the discharge monitoring system to evaluate the quality of water leaving the site.

In addition, the plan should have provided more detailed information on erosion control during and after construction of the proposed dike, and an abatement protocol in the event erosion occurs following seeding of exposed surfaces. Also, the plan should have addressed how the action might impact remedial investigation activities such as the chemical soil sampling investigation.

In summary, the revised document is sufficiently responsive to our comments; however, we would appreciate the opportunity to review the design criteria prior to letting a contract for construction.

DOCUMENT NUMBER: I-200-204-1.01

Thank you for the opportunity to comment on the proposal. Please call if you have any questions.

Sincerely yours,

Katie

B. Katherine Biggs
Chief, Environmental Review Branch

cc: Dave Bedan, MDNR