

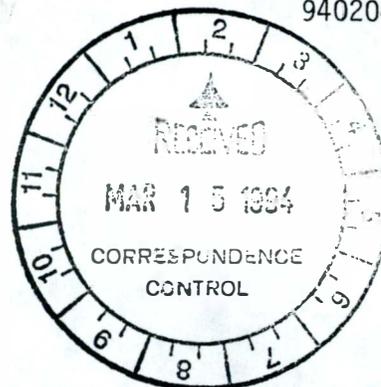
START

Department of Energy

9402048 B

Richard D. Quisenberry, Director
P.O. Box 650
Washington, D.C. 20540

MAR 11 1994



94-ERB-084

President
Westinghouse Hanford Company
Richland, Washington

Dear Sir:

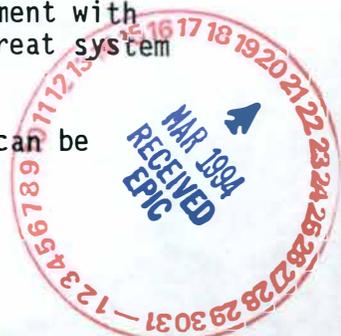
PROPOSAL FOR POTENTIAL SELECTED ALTERNATIVE FOR N SPRINGS EXPEDITED RESPONSE ACTION

The public comment period on the N Springs Expedited Response Action Proposal, DOE/RL-93-23, Revision 0 has been extended until March 24, 1994, by authority of the State of Washington Department of Ecology (Ecology).

In anticipation of Ecology's forthcoming Action Description Memorandum, the Westinghouse Hanford Company is directed to deliver a proposal by March 18, 1994, that would provide a pump and treat system at N Springs to: 1) meet the specific goals of the M-14 settlement (to reduce the flux of Strontium-90 to N Springs and the river); and 2) evaluate commercially available treatment options for removal of Strontium-90, and provide data necessary to set demonstratable strontium cleanup levels.

Assumptions are:

- Use existing wells for pumping and monitoring;
- Pump at a rate that maintains some existing monitoring capability and does not create a significant cone of depression that would "smear" contamination as the water table drops. Public acceptance is probable at least 50 gpm;
- Use off-the-shelf treatment technology for the primary treatment;
- Secondary treatment for polishing can be considered for allowing discharge to the river or the unused end of the 1325 crib. Innovative technologies should not be discounted for this step;
- System should not create a worsening contaminant situation (do no harm);
- The first step, prior to procurement commitments, should be a pumping only test to assure that a viable and consistent strontium-90 concentration will be provided from the aquifer over time.
- Do not be constrained by the existing draft Engineering Evaluation/Cost Analysis—the purpose is to use what we have in place now, augment with easily obtained additional needs and get a nominal pump and treat system in place in a short time frame.
- Provide a "test bed" for emerging technologies where a split can be routed to another treatment system.



WHC
94-ERB-084

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MAR 11 1994

If you have any questions regarding this direction, please contact Mr. Bryan L. Foley on 376-7087.

Sincerely,



K. Michael Thompson, Acting Director
Environmental Remediation Division

END:BLF

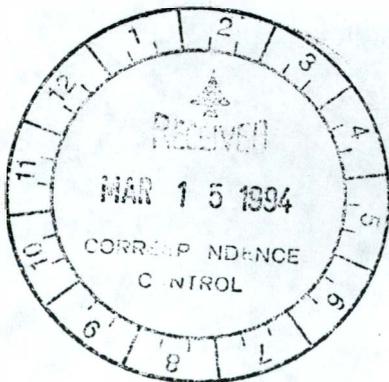
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