



Incoming: 9207204 **0024007**

STATE OF WASHINGTON  
DEPARTMENT OF ECOLOGY

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October 6, 1992

Mr. R. N. Krekel  
U. S. Department of Energy  
Richland Field Office  
P.O. Box 550  
Richland, Washington 99352

Dear Mr. Krekel:

Re: Drawings From The 30 Percent Design of 242-A Evaporator Condensate Treatment Facility (Project C-018H), Milestone M-20-18

Your newly resubmitted drawings from the 30 percent design of the Project C-018H have been reviewed, we found that UV oxidation is proposed to destroy organics. Using the UV oxidation process alone to remove organics has been very questionable to meet all the effluent limits of State regulations. We have expressed our concerns regarding this issue since last year.

The pilot plant testing of the UV oxidation process is very important for the design of this treatment facility. If UV oxidation proves to be inefficient in the destruction of organics compounds, then Granulated Activated Carbon (GAC) must be considered as an addition to the treatment train.

What I assume is that you already had the testing results of the UV oxidation process before this 30 percent design. All the testing results of UV oxidation conducted at the pilot plant should be submitted to the Hanford Section for our review before we can comment on the 30 percent design drawings.

If we cannot agree with you on your design, it might cause delay of the approval of a Notice of Construction (NOC) for the project. This, in

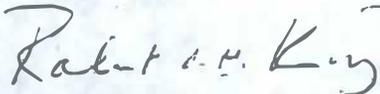


Mr. R. N. Krekel  
Page 2  
October 6, 1992

turn, will delay the construction of the project. Please submit the testing results to me for review as soon as possible.

If you have any questions, please call me at (206) 459-6727.

Sincerely,



Robert C. H. King, P.E.  
Hanford Section  
Nuclear and Mixed Waste Program

BK:dr

cc: Paul Day, EPA  
James Bauer, DOE  
G. W. Jackson, WHC  
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Author	Addressee	Correspondence No.
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Subject: DRAWINGS FROM THIRTY PERCENT DESIGN OF THE 242-A EVAPORATOR/PLUTONIUM-URANIUM EXTRACTION PLANT CONDENSATE TREATMENT FACILITY (PROJECT C-018H), MILESTONE M-20-18

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