

January 7, 2004

Mr. Bill Vinzant  
Project Manager, KACC  
Kaiser Aluminum & Chemical Corporation  
9141 Interline Avenue, Suite 1A  
Baton Rouge, LA 70809

SUBJECT: REVISION TO CHAPTER 14 OF KAISER PHASE 2 DECOMMISSIONING PLAN

Dear Mr. Vinzant:

This letter responds to your October 6, 2003, request for approval of changes to Chapter 14 of the Kaiser Aluminum (Kaiser) Phase 2 decommissioning plan (DP). The changes Kaiser has proposed consist of revising the release criteria for the material which will be returned to the excavation, as backfill, after remediation of the 14-acre pond parcel. Your request states that Chapter 14 of the approved DP incorrectly identified the Average Derived Concentration Level, 7 pCi/g, as the release criterion for material returned to the excavation after remediation. Further, it is stated that the intended acceptance criteria for material returned to the excavation was the Derived Cutoff Concentration Level value of 31.1 pCi/g.

The staff has reviewed Kaiser's proposed revision to Chapter 14 of the DP and concludes that:

1. Since NRC's dose assessment for the approved DP was based on 31.1 pCi/g, the requested revision is administrative and would make Chapter 14 - Facility Radiation Surveys, consistent with the information presented in Chapter 5, "Dose Modeling Evaluations" and Chapter 8, "Planned Decommissioning Activities."
2. The requested revision will not change the scope of work in the approved DP.
3. No environmental assessment (EA) is required for approval of this revision because Kaiser's proposed revision to Chapter 14 does not change the significance of the environmental impacts of the proposed action, and therefore, the conclusion reached in the EA related to approval of the Phase 2 DP, dated May 30, 2003, remains valid.

Based on the above conclusions, the U.S. Nuclear Regulatory Commission approves the requested revision to Chapter 14 of the DP as submitted on October 6, 2003.

If you have questions concerning this letter, please contact John Buckley at (301) 415-6607.

Sincerely,

Daniel M. Gillen, Chief  
Decommissioning Branch  
Division of Waste Management  
Office of Nuclear Material Safety  
and Safeguards

Docket No. 040-2377  
License No. STB-472 (Terminated)

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