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January 13, 1992

Mr. Don Ferrier
EG&G Rocky Flats, Inc.
Rocky Flats Plant, Bldg. 750
P.O. Box 464
Golden, CO 80402-0464

Dear Mr. Ferrier:

**SUBJECT: SLUDGE DENSIFICATION & WATER MANAGEMENT
PROGRAM SOLAR PONDS/PONDCRETE PROJECT**

Letter Number: RF-HEH-92-007

We are transmitting this document to you after incorporating your comments to the December 4, 1991 draft and some additional processing refinements which have occurred over the past four weeks. We anticipate one more refinement to be required prior to finalization of this document. This we anticipate to come from our discussions scheduled for January 14 and 15 in HALLIBURTON NUS (HNUS) offices in Broomfield.

The processing option outlined in the December 4 submission for Ponds A & B has been named *Plan A - Stage I Densification to Interim Storage. Stage II - Densification & Cementing on the 904 Pad* would follow the Stage I Densification and will produce a final waste form. Within this document we are recommending *Plan B - Stage I - Densification to Final Waste Form* be considered as a viable option for final waste processing. The waste is densified and cemented in one step. The benefits of this plan is that it produces a final waste form without interim storage and eliminates transportation difficulties associated with Plan A. The cementing operation will be designed around the capabilities and capacities of the belt-pressure filter. It is currently envisioned that a 4 TPH production of final waste form can be economically justified for this process. It is anticipated that the 207A & B Ponds and the clarifier can be processed in a 45 day production period.

Plan B is proposed to be accomplished by using a belt-press specialty subcontractor for sludge densification and HNUS personnel for cementing the densified sludge into a final waste form. The inquiry package for this work is scheduled to be completed by February 15, 1992 for soliciting up to five bids for this service. It is currently anticipated that this work will be contracted on a time and material basis. The package should be available for review by EG&G starting on February 1 with the complete package available by February 15, 1992. We are planning to submit the inquiry to vendors prior to receiving EG&G's final comments. Any comments will be incorporated in an amendment to the inquiry package during the bidding period.

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During execution of Plan B, certain agreed-upon milestones will be required for a timely completion of the work. These will be outlined in our Project Controls Meeting scheduled for January 22, 1992. In the event that these milestones cannot be accomplished to support the required completion date, management personnel may choose to default to a Plan A Processing Option with minimal impact to work accomplished.

This proposal for accomplishing the work alongside the 207 Ponds is different than methods proposed earlier. Once the plan is approved, HNUS is recommending that a task force from each company be collected to establish design criteria to be used for this specific work. We are unclear as to the health and safety concerns that may exist for execution of the work outside of the 750 Pad Area. The quicker the requirements can be established, the quicker equipment specifications and procurement can commence on not only the long lead time items but the ancillary systems required to make the unit operable.

Once you have had an opportunity to review this document, please advise what action you desire from us.

Sincerely,



Ted Bittner
Project Manager

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cc: D. Dougherty
D. Brenneman
J. Zak
R. Ninesteel
J. Schmidt