HALLIBURTON SERVICES

DRAWER 1431, DUNCAN, OKLAHOMA 73536-0154
(405) 251-3124

J. A. "SPIKE" DUNLOP
President

December 16, 1986

DEC 16

Mr. R. J. Everett, Chief
Nuclear Materials Safety Section
United States Nuclear Regulatory Commission
611 Ryan Plaza Drive, Suite 1000
Arlington, Texas 76011

30-20094/86
01

Re: Proposed Corrective Action as a Result of NRC Investigation/Inspection of NRC License 35-00502-05.

Dear Mr. Everett:

Per our telephone conversation of December 15, 1986, Halliburton Services proposes immediately the following corrective action in conjunction with both on-site and off-site facilities under our NRC License 35-00502-05.

The following corrective measures will involve both the fenced compound (Rod Rack Restricted Area) and the burn pit in question as well as the area surrounding the burn pit.

1. A detailed ground surface contamination evaluation will be performed including a grid surface survey utilizing end-window GM and Scintillation detection instrumentation.

2. Surface soil samples will be taken when deemed necessary to verify decontamination.

3. Surface decontamination will be performed in conjunction with the above ground surface contamination surveys.

4. Subsurface soil cores will be taken down to a depth of nine feet through the soil overburden cover in the burn pit in question and a subsequent representative composite soil sample from the above soil cores will be sent to an outside commercial radiochemical laboratory for gross beta/gamma and isotopic analysis.

Additionally, Halliburton Services will evaluate both the accumulated Bioassay Data for personnel involved in the rod rack cutting operation during 1985 and the Air Sample Data taken

EC-309/86

inside the containment structure during the rod rack cutting operation. The above evaluation will help in making the following determinations:

1. Committed dose if any to appropriate personnel showing various levels of radionuclides in urine samples taken during the course of the rod rack cutting operation.

2. Evaluate the MPC Hours for each person involved in the cutting operations inside containment based on air sample results taken from July 19, 1985 through August 29, 1985.

The above corrective action has been initiated per your request. Our Government Regulations Department will furnish the Commission results of the indicated evaluation as soon as possible.

Sincerely,

J. A. Dunlop

JAD/RAL/cdo