

Addendum to IE Inspection Reports No. 50-295/81-24; 50-304/81-20

(Closed) Open Item (50-295/81-24-01; 50-304/81-20-01): After recalibrating his charcoal adsorber geometry the licensee achieved four agreements or possible agreements out of four comparisons on NBS traceable spiked charcoal adsorber supplied by Region III. The inspectors have no further questions regarding this matter.

(Closed) Open Item (50-295/81-24-02; 50-304/81-20-02): The licensee achieved agreements on comparison of H-3 and gross beta in a liquid sample collected during the inspection of September 28 to October 2, 1981. Strontium-89 and strontium-90 values were too low for comparison. The inspectors have no further questions regarding this matter.

TABLE II

U S NUCLEAR REGULATORY COMMISSION  
 OFFICE OF INSPECTION AND ENFORCEMENT  
 CONFIRMATORY MEASUREMENTS PROGRAM  
 FACILITY: ZION  
 FOR THE 3 QUARTER OF 1981

SAMPLE	ISOTOPE	-----NRC-----		---LICENSEE---		---LICENSEE:NRC---		
		RESULT	ERROR	RESULT	ERROR	RATIO	RES	T
L WASTE	BETA	1.9E-05	8.0E-07	2.1E-05	0.0E-01	1.1E 00	2.4E 01	A
	H-3	2.5E-02	2.0E-04	2.0E-02	0.0E-01	8.0E-01	1.2E 02	A
C SPIKED	BA-133	5.0E-02	1.5E-03	4.7E-02	0.0E-01	9.3E-01	3.4E 01	A
	CD-60	1.3E-02	5.0E-04	1.1E-02	0.0E-01	8.4E-01	2.6E 01	A
	CS-134	8.2E-03	3.0E-05	6.8E-03	0.0E-01	8.2E-01	2.7E 02	P
	CS-137	2.3E-02	7.0E-04	1.9E-02	0.0E-01	8.3E-01	3.3E 01	A

T TEST RESULTS:  
 A=AGREEMENT  
 D=DISAGREEMENT  
 P=POSSIBLE AGREEMENT  
 N=NO COMPARISON