



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

Reply to:

301 E. Stewart Ave., Rm. 203
Las Vegas, NV 89101

Tel: (702) 388-6125
FTS: 598-6125

Date: November 25, 1991

Mr. Gregg Davidson
University of Arizona
Department of Hydrology
Bldg. 11, Room 122
Tucson, AZ 85721

SUBJECT: SOC SPECIMEN REMOVAL REQUEST

Dear Mr. Davidson:

Please find enclosed the above-referenced document. The information has been faxed to Uel Clanton at the Yucca Mountain Project Office.

Sincerely,

Paul T. Prestholt
PAUL T. PRESTHOLT
Sr. On-Site Licensing Representative

CC: King Stablein, NRC, M/S 4 H 3 w/enc.

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PDR WASTE
WM-11 PDR

ADD: King Stablein Ltr. Encl.
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YUCCA MOUNTAIN PROJECT SAMPLE OVERVIEW COMMITTEE

SOC SPECIMEN REMOVAL REQUEST

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Requester R. Bassett/G. Davidson Telephone (602 621-9159) (FTS) _____

Organization University of Arizona, Department of Hydrology
Bldg. 11, Room 122

City Tucson, State AZ Zip Code 85721

Signature of SOC Representative _____ Date _____

Study Plan Number N/A

Activity Title N/A

QA Level Assignment (I, II, III) N/A QALAS Number N/A

Test or Analysis to be Performed Isotopic analysis on calcite as a function of depth: XRD analysis for zeolites

Specimen Requirement(s) and Description If samples must be cut, please cut dry

Approved (A), Disapproved (D), Tabled (T)

Specimen Source	Specimen Type	Interval/Length	Amount	Substitution Acceptable	SOC Chair	LANL	LLNL	SNL	T&MSS	USGS
USW-UZP-4	Core	22.7 - 27.3	4.6	None						
		48.4 - 48.7	0.3							
		49.6 - 49.9	0.3							
		72.8 - 73.4	0.6							
		75.6 - 76.6	1.0							
		105.2 - 106.2	1.0							
		125.4 - 126.5	1.1							
		141.3 - 142.6	1.3							
		152.7 - 153.2	0.5							
		172.3 - 174.0	1.7							
		175.0 - 177.3	2.3							
		180.8 - 182.2	1.4							
		240.8 - 241.7	0.9							
		244.8 - 247.7	2.9							
		289.9 - 291.8	1.9							
		292.8 - 300.4	7.6							
		330.6 - 331.4	0.8							

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Approved (A), Disapproved (D), Tabled (T)

Specimen Source	Specimen Type	Interval/ Length	Amount	Substitution Acceptable	SOC Chair.	LANL	LLNL	SNL	T&MSS	USGS
USW-UZP-4	Core	332.6- 333.7	1.1	None						
		354.4- 355.2	0.8							
		357.2- 359.3	2.1							
		363.7- 365.1	1.4							
		367.6- 369.4	1.8							
		370.9- 372.3	1.4							
		373.0- 373.3	0.3							
		376.3- 378.9	2.6							
		389.9- 390.7	0.8							
		458.4- 462.0	3.6							
		1213.0-1213.5	0.5							
		1431.7-1432.7	1.0							
		1669.4-1672.4	3.0							
		1706.2-1707.8	1.6							
		Total feet:	52.2							

SOC RECOMMENDATION : APPROVED (A), DISAPPROVED (D), TABLED (T)

Date _____

YMP/SOC/CHAIR. _____ A,D,T

SNL _____ A,D,T

LANL _____ A,D,T

T&MSS _____ A,D,T

LLNL _____ A,D,T

USGS _____ A,D,T

COMMENTS _____

Project Office RSED Director Action (approved/disapproved/taled)

Signature _____ Date _____