



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

Reply to:  
1050 East Flamingo Road  
Suite 319  
Las Vegas, Nevada 89119  
Tel: (702) 388-6125  
FTS: 598-6125

TO: Eileen Tana, HLPD, Division of High-Level Waste  
Management, M/S 4-H-3

FROM: Paul T. Prestholt via Nancy White

DATE: June 1, 1989

SUBJECT: LIBRARY CONTENT

Please find enclosed an update for the list of the Las  
Vegas Library.

cc: Charlotte Abrams (to keep WA disk current), M/S 4-H-3

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PDR WASTE  
WM-11 PDC

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C-143	SAND84-0307	A TECHNIQUE FOR THE GEOMETRIC MODELING OF UNDERGROUND SURFACES -/WILLIAMS
C-30	SAND84-0343	THE UNDERGROUND SYSTEM FOR DISPOSAL OF CONTACT HANDLED TRANSURANIC WASTE AT THE POTENTIAL YUCCA MOUNTAIN REPOSITORY -/INEBAUGH
C-159	SAND84-0468	EXPERIMENTAL PLAN FOR INVESTIGATING WATER MOVEMENT THROUGH FRACTURES -/KLAVETER, ET AL
C-63	SAND84-1007	THE POTENTIAL EFFECT OF WATER INFLUX ON THE DISSOLUTION RATE OF $UO_2$ IN SPENT FUEL AT THE YUCCA MOUNTAIN, NEVADA <sup>2</sup> SITE -/BRAITHWAITE
C-64	SAND84-1101 (2 copies)	UNIAXIAL AND TRIAXIAL COMPRESSION TEST SERIES ON TOPOPAH SPRING TUFF FROM USW G-4, YUCCA MOUNTAIN, NEVADA -/NIMIC, ET AL
C-65	SAND84-2242	RETRIEVABILITY: STRATEGY FOR COMPLIANCE DEMONSTRATION -/FLORES
C-31	SAND84-0369	VADOS WATER FLOW AROUND A BACKFILLED DRIFT LOCATED IN TUFF -/MONDY, ET.AL.
C-32	SAND84-0440/2	METEOROLOGICAL DESIGN PARAMETERS FOR THE CANDIDATE SITE OF A RADIOACTIVE-WASTE REPOSITORY AT YUCCA MOUNTAIN, NEVADA -/EGLINTON, ET.AL.
C-33	SAND84-0637	REDUCTION OF THE WELL TEST DATA FOR TEST WELL USW H-1, ADJACENT TO NEVADA TEST SITE, NYE COUNTY, NEVADA -/BARR

E-104	UCID-21272	PLAN FOR SPENT FUEL WASTE FORM TESTING FOR NNWSI -/SHAW, 11/87
E-130	UCID-21294	ESTIMATES OF THE HYDROLOGIC IMPACT OF DRILLING WATER ON CORE SAMPLES TAKEN FROM PARTIALLY SATURATED DENSELY WELDED TUFF -/BUSCHECK, ET AL, 9/87
E-139	UCID-21308 Rev. 1	INTERIM REPORT ON MODELING SORPTION WITH EQ3/6 -/VIANI, 12/88
E-124	UCID-21326	PLAN FOR WASTE PACKAGE ENVIRONMENT FOR NNWSI -/GLASSLEY, 2/88
E-125	UCID-21347	PLAN FOR WASTE PACKAGE DESIGN, FABRICATION AND PROTOTYPE TESTING FOR NNWSI -/RUSSELL, ET AL 2/88
E-140	UCID-21414	THERMAL PERFORMANCE OF A BURIED NUCLEAR WASTE STORAGE CONTAINER STORING A HYBRID MIX OF PWR AND BWR SPENT FUEL RODS -/JOHNSON, 9/88 *THERMO-FLUIDS GROUP, NUCLEAR TEST ENGINEERING DIVISION
E-141	UCID-21444	NUMERICAL MODELING OF THE THERMAL AND HYDROLOGICAL ENVIRONMENT AROUND A NUCLEAR WASTE PACKAGE USING THE EQUIVALENT CONTINUUM APPROXIMATION: HORIZONTAL EMPLACEMENT -/NITAO, 5/88
E-143	UCID-21472	AN ANNOTATED HISTORY OF CONTAINER CANDIDATE MATERIAL SELECTION, 7/88 -/McCRIGHT
E-137	UCID-21571	PRELIMINARY SCOPING CALCULATIONS OF HYDROTHERMAL FLOW IN VARIABLY SATURATED, FRACTURED, WELDED TUFF DURING THE ENGINEERED BARRIER DESIGN TEST AT THE YUCCA MOUNTAIN EXPLORATORY SHAFT TEST SITE, 11/88 -/BUSCHECK, ET AL
E-144	UCID-21579	ESTIMATES OF THE WIDTH OF THE WETTING ZONE ALONG A FRACTURE SUBJECTED TO AN EPISODIC INFILTRATION EVENT IN VARIABLY SATURATED, DENSELY WELDED TUFF, 5/31/88 -/BUSCHECK ET AL
E-15	UCRL-15667 SAND 126-016	PERMEABILITY AND FLUID CHEMISTRY STUDIES OF THE TOPOPAH SPRING MEMBER OF THE PAINTBRUSH TUFF, NEVADA TEST SITE: PART: II - -/MOORE, ET AL, 3/85
E-16	UCRL-15723 SAND 410-001	NNWSI WASTE FORM TEST METHOD FOR UNSATURATED DISPOSAL CONDITIONS - 3/85 -/BATES, ET AL

E-114	UCRL-97562 PREPRINT	IMPACT OF PHASE STABILITY ON THE CORROSION BEHAVIOR OF THE AUSTENITIC CANDIDATE MATERIALS FOR NNWSI, 10/87 -/BULLEN, ET AL *MATERIALS RESEARCH SOCIETY SYMPOSIUM, BOSTON
E-138	UCRL-97805	AN APPROXIMATE CALCULATION OF ADVECTIVE GAS PHASE TRANSPORT OF <sup>14</sup> C AT YUCCA MOUNTAIN, NEVADA, 12/87 -/KNAPP
E-115	UCRL-97936 PREPRINT	EFFECT OF IONIZING RADIATION ON MOIST AIR SYSTEMS, 12/87 -/REED, ET AL *MATERIALS RESEARCH SOCIETY SYMPOSIUM, BOSTON
E-145	UCRL-98029 PREPRINT	ASSESSMENT OF ENGINEERED BARRIER SYSTEM AND DESIGN OF WASTE PACKAGES, 6/88 -/RAMSPOTT
E-128	UCRL-98756 PREPRINT	LOCALIZED CORROSION AND STRESS CORROSION CRACKING OF CANDIDATE MATERIALS FOR HIGH-LEVEL RADIOACTIVE WASTE DISPOSAL CONTAINERS IN US: A LITERATURE REVIEW -/FARMER, ET AL, 11/4/88 *MATERIALS RESEARCH SOCIETY MEETING, BERLIN, 10/10-13/88
E-131	UCRL-99734 PREPRINT	URANIUM TRANSPORT IN TOPOPAH SPRING TUFF: AN ION-MICROSCOPE INVESTIGATION -/McKEEGAN, ET AL *MATERIALS RESEARCH SOCIETY MEETING, BERLIN
E-142	UCRL-100563 PREPRINT	INTERPRETING QUALITY ASSURANCE REQUIREMENTS FROM A PROJECT MANAGEMENT PERSPECTIVE -/DRONKERS, ET AL (for ASQC 4/2-5/89, LV, NV)

F-30	LA-11162-MS	METHODS FOR OBTAINING SORPTION DATA FROM URANIUM-SERIES DISEQUILIBRIA, 12/87 -/FINNEGAN, ET AL
F-36	LA-11246-MS	PRELIMINARY REPORT ON THE STATISTICAL EVALUATION OF SORPTION DATA: SORPTION AS A FUNCTION OF MINERALOGY, TEMPERATURE, TIME, AND PARTICLE SIZE -/BECKMAN, ET AL 5/88
F-35	LA-11289-MS	A PRELIMINARY COMPARISON OF MINERAL DEPOSITS IN FAULTS NEAR YUCCA MOUNTAIN, NEVADA, WITH POSSIBLE ANALOGS, 5/88 -/VANIMAN, ET AL
F-37	LA-11292-MS	MINERALOGY OF DRILL HOLE UE-25p#1 AT YUCCA MOUNTAIN, NEVADA, 5/88 -/CHIPERA, ET AL
F-39	LA-11398-MS CONTROLLED COPY #36	NEVADA NUCLEAR WASTE STORAGE INVESTIGATIONS EXPLORATORY SHAFT FACILITY FLUIDS AND MATERIALS EVALUATION -/WEST
F-38	LA-11443-PR	RESEARCH AND DEVELOPMENT RELATED TO THE NEVADA NUCLEAR WASTE STORAGE INVESTIGATIONS, 10/1/84-12/31/84 -/THOMAS (UC 510 issued 11/88)
F-43	LA-11497-MS	REVISED MINERALOGIC SUMMARY OF YUCCA MOUNTAIN, NEVADA -/BISH, ET AL
F-44	LA-11503-MS	PETROGRAPHY AND PHENOCRYST CHEMISTRY OF VOLCANIC UNITS AT YUCCA MOUNTAIN, NEVADA: A COMPARISON OF OUTCROP AND DRILL HOLE SAMPLES, 4/89 -/BROXTON, ET AL
F-41	LA-11504-MS	FRACTURE-COATING MINERALS IN THE TOPOPAH SPRING MEMBER AND UPPER TUFF OF CALICO HILLS FROM DRILL HOLE J-13 (2/89) -/CARIOS
F-13	LA-DR-84-40	PRELIMINARY ESTIMATES OF WATER FLOW AND RADIONUCLIDE TRANSPORT IN YUCCA MOUNTAIN -/TRAVIS, ET AL
F-40	LA-UR-88-4155	PRELIMINARY GEOLOGIC MAP OF THE LATHROP WELLS VOLCANIC CENTER -/CROWE, ET AL

B-63	#	THE DISSOLUTION KINETICS OF QUARTZ AS A FUNCTION OF pH AND TIME AT 70°C
	(See E-122, LLNL)	*LLNL, EARTH SCIENCES DEPARTMENT KNAUSS, ET AL (Reprinted from Geochimica et Cosmochimica Acta, Vol. 52, No. 1, 1/88, Pergamon Press)
B-56	#	AN EVALUATION OF THE EFFECTIVENESS OF THE U.S. NUCLEAR REGULATORY COMMISSION'S HIGH-LEVEL RADIOACTIVE WASTE MANAGEMENT ON-SITE LICENSING REPRESENTATIVE PROGRAM
B-1	#	APPLICABILITY AND RESOLUTION OF SEISMIC TECHNIQUES FOR HIGH LEVEL WASTE DISPOSAL SITE INVESTIGATIONS - 10/79 *UNIVERSITY OF ARIZONA DEPT. OF MINING -/GLASS, ET.AL.
B-69	#	GEOPHYSICAL INVESTIGATIONS OF RADIOACTIVE WASTE DISPOSAL SITES IN THE WESTERN U.S. -/OLIVER, REPRINT FROM JOURNAL OF GEOPHYSICAL RESEARCH VOLUME 92, NUMBER B8, JULY 10, 1987
B-2	#	RECOMMENDED SAFETY, RELIABILITY, QUALITY ASSURANCE AND MANAGEMENT AEROSPACE TECHNIQUES WITH POSSIBLE APPLICATION BY THE DOE TO THE HIGH LEVEL RADIOACTIVE WASTE REPOSITORY "Bland Report" - 2/25/85 *MANAGEMENT AND TECHNICAL CONSULTING -/BLAND
B-3	#	REQUIREMENTS FOR AN ISSUE MANAGEMENT SYSTEM FOR NUCLEAR WASTE - 1/85 *EASTERN TECHNICAL DIVISION, AEROSPACE CORP
B-4	#	SYSTEM DESIGN FOR AN ISSUE MANAGEMENT AND TRACKING SYSTEM FOR NUCLEAR WASTE - 4/85 *EASTERN TECHNICAL DIVISION, AEROSPACE CORP
B-72	0003-6951/88/030576-22	THE REACTION OF REFERENCE COMMERCIAL NUCLEAR WASTE GLASSES DURING GAMMA IRRADIATION IN A SATURATED TUFF ENVIRONMENT -/BATES, ET AL *ARGONNE NATIONAL LABORATORY
B-71	145-170	MODELING TRACER DIFFUSION IN FRACTURED AND UNFRACTURED, UNSATURATED, POROUS MEDIA -/BIRDSSELL, ET AL *JOURNAL OF CONTAMINANT HYDROLOGY, 3 (1988)
B-52	405237	HYDRAULIC FRACTURING STRESS MEASUREMENTS AT YUCCA MOUNTAIN, NV, & RELATIONSHIP TO THE REGIONAL STRESS FIELD, 7/10/85 *JOURNAL OF GEOPHYSICAL RESEARCH, VOL 90, -STOCK, ET AL