



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: July 14, 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

DWB - LAWRENCE LIVERMORE NATIONAL LABORATORY PUBLICATIONS
ON FILE AT LV

E-122	#	THE DISSOLUTION KINETICS OF QUARTZ AS A FUNCTION OF pH AND TIME AT 70°C -/KNAUSS, ET AL
E-67	5138N	WASTE PACKAGE TASK PUBLICATION LIST, 4/86
E-1	NWM:sc-1	SFT-C PUBLICATION LISTING - 1/2/85
E-133	PNL-6427	TEST PLAN FOR LONG-TERM, LOW-TEMPERATURE OXIDATION OF BWR SPENT FUEL - 12/88 * PACIFIC NORTHWEST LABORATORY -/EINZIGER
E-134	PNL-6745	TEST PLAN FOR THERMOGRAVIMETRIC ANALYSES OF BWR SPENT FUEL OXIDATION - 12/88 * PACIFIC NORTHWEST LABORATORY -/EINZIGER
E-54	UCID-18125	SEISMIC SAFETY IN NUCLEAR-WASTE DISPOSAL, -/CARPENTER, ET AL, 4/26/79
E-2	UCID-20069	EQ3/6 GEOCHEMICAL MODELING TASK PLAN FOR NEVADA NUCLEAR WASTE STORAGE INVESTIGATIONS -/ISHERWOOD, ET.AL., 4/10/84
E-3	UCID-20165	THE NEVADA NUCLEAR WASTE STORAGE INVESTIGATIONS PROJECT INTERIM ACCEPTANCE SPECIFICATIONS FOR DEFENSE WASTE PROCESSING FACILITY AND WEST VALLEY DEMONSTRATION PROJECT WASTE FORMS AND CANISTERIZED WASTE - -/OVERSBY, 8/84
E-4	UCID-20172	POTENTIAL CORROSION AND DEGRADATION MECHANISMS OF ZIRCALOY CLADDING ON SPENT NUCLEAR FUEL IN A TUFF REPOSITORY - 9/84 -/ROTHMAN
E-5	UCID-20174	ELECTROCHEMICAL DETERMINATION OF THE CORROSION BEHAVIOR OF CANDIDATE ALLOYS PROPOSED FOR CONTAINMENT OF HIGH LEVEL NUCLEAR WASTE IN TUFF - 6/84 -/GLASS, ET AL

DW8 - LAWRENCE LIVERMORE NATIONAL LABORATORY PUBLICATIONS
ON FILE AT LV

E-6	UCID-20289	PRELIMINARY EVALUATION OF ALTERANT GEOPHYSICAL TOMOGRAPHY IN WELDED TUFF - -/RAMIREZ, ET AL, 12/84
E-7	UCID-20301	GEOLOGIC STRUCTURE MAPPING DATABASE SPENT FUEL TEST - CLIMAX NEVADA TEST SITE - -/YOW, 12/4/84
E-8	UCID-20318	OVERCORING AND CALIBRATION OF IRAD GAGE STRESSMETERS AT THE SPENT FUEL TEST IN CLIMAX GRANITE - 9/15/84 -/MAD
E-9	UCID-20412	PHYSICAL AND CHEMICAL CHANGES TO ROCK NEAR ELECTRICALLY HEATED BOREHOLES AT SPENT FUEL TEST - CLIMAX - 1/85 -/BEIRIGER, ET AL
E-10	UCID-20436	METALLURGICAL ANALYSIS OF A 304L STAINLESS STEEL CANISTER FROM THE SPENT FUEL TEST - CLIMAX - 4/85 -/WEISS, ET.AL.
E-11	UCID-20450	CONCEPT FOR WASTE PACKAGE ENVIRONMENT TESTS IN THE YUCCA MOUNTAIN EXPLORATORY SHAFT - 5/85 -/YOW
E-12	UCID-20499	SPENT FUEL CLADDING CORROSION UNDER TUFF REPOSITORY CONDITIONS - INITIAL OBSERVATIONS - 6/85 -/SMITH, ET.AL.
E-73	UCID-20509	FY 1985 STATUS REPORT ON FEASIBILITY ASSESSMENT OF COPPER-BASE WASTE PACKAGE CONTAINER MATERIALS IN A TUFF REPOSITORY - SEPTEMBER 30, 1985 -/McCRIGHT

DWB - LAWRENCE LIVERMORE NATIONAL LABORATORY PUBLICATIONS
ON FILE AT LV

E-13	UCID-20523	NEGATIVE HYSTERESIS EFFECT OBSERVED DURING CALIBRATION OF THE U.S. BUREAU OF MINES BOREHOLE DEFORMATION GAUGE - 8/85 -/GANOW
E-14	UCID-20587	IMPROVEMENTS IN THE SOLID SOLUTION MODELING CAPABILITIES OF THE EQ3/6 GEOCHEMICAL CODE - 11/85 -/BOURCIER
E-55	UCID-20673	SPENT FUEL TEST-CLIMAX MINEBY REVISITED, DECEMBER 1985 -/BUTKOVICH
E-68	UCID-20680	THE PLUS FAMILY, A SET OF COMPUTER PROGRAMS TO EVALUATE ANALYTICAL SOLUTIONS OF THE DIFFUSION EQUATION, 3/86 -/MONTAN
E-58	UCID-20712	SPENT FUEL TEST-CLIMAX: TECHNICAL MEASUREMENTS, DATA MANAGEMENT SYSTEM DESCRIPTION AND DATA PRESENTATION, 8/85 -/CARLSON
E-63	UCID-20758	THERMOMECHANICAL SCOPING CALCULATIONS FOR THE WASTE PACKAGE ENVIRONMENT TESTS, 3/86 -/BUTKOVICH, ET AL
E-75	UCID-20780	THERMAL CALCULATIONS PERTAINING TO EXPERIMENTS IN THE YUCCA MOUNTAIN EXPLORATORY SHAFT, 3/86 -/MONTAN
E-74	UCID-20847	FEASIBILITY ASSESSMENT OF COPPER-BASE WASTE PACKAGE CONTAINER MATERIALS IN A TUFF REPOSITORY, 9/30/86 -/ACTON, ET AL
E-79	UCID-20864	GEOCHEMICAL MODELING (EQ3/6) PLAN, OFFICE OF CIVILIAN RADIOACTIVE WASTE MANAGEMENT PROGRAM -/McKENZIE, ET AL, 8/28/86

DWB - LAWRENCE LIVERMORE NATIONAL LABORATORY PUBLICATIONS
ON FILE AT LV

E-80	UCID-20895	APPLICATION OF EQ3/6 TO MODELING OF NUCLEAR WASTE GLASS BEHAVIOR IN A TUFF REPOSITORY -/AINES, 5/86
E-135	UCID-20926	SPENT FUEL PERFORMANCE DATA: AN ANALYSIS OF DATA RELEVANT TO THE NNWSI PROJECT, 8/87 OVERSBY, ET AL
E-100	UCID-20967	SCIENTIFIC INVESTIGATION PLAN FOR NNWSI WBS ELEMENT 1.2.2.5.L - NNWSI WASTE PACKAGE PERFORMANCE ASSESSMENT, 10/14/86 -/EGGERT, ET AL
E-105	UCID-21044	PROGRESS REPORT ON THE RESULTS OF TESTING ADVANCED CONCEPTUAL DESIGN METAL BARRIER MATERIALS UNDER RELEVANT ENVIRONMENTAL CONDITIONS FOR A TUFF REPOSITORY, 12/87 -/McCRIGHT, ET AL
E-136	UCID-21100	THERMOMECHANICAL CALCULATIONS PERTAINING TO EXPERIMENTS IN THE YUCCA MOUNTAIN EXPLORATORY SHAFT, 4/87 -/MONTAN
E-106	UCID-21190	PLAN FOR GLASS WASTE FORM TESTING FOR NNWSI -/AINES, 12/87
E-127	UCID-21249	AN EXPERIMENT TO DETERMINE DRILLING WATER IMBIBITION BY IN SITU DENSELY WELDED TUFF -/DAILY, ET AL, 4/87
E-129	UCID-21262	PLAN FOR METAL BARRIER SELECTION AND TESTING FOR NNWSI -/HALSEY, ET AL, 12/87
E-116	UCID-21274	PLAN FOR INTEGRATED TESTING FOR NNWSI NON EQ3/6 DATA BASE PORTION, 5/29 -/OVERSBY
E-104	UCID-21272	PLAN FOR SPENT FUEL WASTE FORM TESTING FOR NNWSI -/SHAW, 11/87

DW8 - LAWRENCE LIVERMORE NATIONAL LABORATORY PUBLICATIONS
ON FILE AT LV

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-146	UCID-21466	SIMULATIONS OF THE NEAR-FIELD TRANSPORT OF RADIONUCLIDES BY LIQUID DIFFUSION AT YUCCA MOUNTAIN - COMPARISONS WITH AND WITHOUT EMPLACEMENT BACKFILL -/NITAO, 7/88
E-143	UCID-21472	AN ANNOTATED HISTORY OF CONTAINER CANDIDATE MATERIAL SELECTION, 7/88 -/McCRIGHT

DWB - LAWRENCE LIVERMORE NATIONAL LABORATORY PUBLICATIONS
ON FILE AT LV

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-147 UCID-21700 YUCCA MOUNTAIN PROJECT WASTE PACKAGE DESIGN FOR
MRS SYSTEM STUDIES
*SAIC; SANDIA
NELSON, ET AL, 4/89

E-15 UCRL-15667 PERMEABILITY AND FLUID CHEMISTRY STUDIES OF
SANL 126-016 THE TOPOPAH SPRING MEMBER OF THE
PAINTBRUSH TUFF, NEVADA TEST SITE: PART: II -
-/MOORE, ET AL, 3/85

E-16 UCRL-15723 NNWSI WASTE FORM TEST METHOD FOR UNSATURATED
SANL 410-001 DISPOSAL CONDITIONS - 3/85
-/BATES, ET AL

E-59 UCRL-15801 NNWSI WASTE FORM TESTING AT ARGONNE NATIONAL
SNAL-510-002 LABORATORY, SEMIANNUAL REPORT
-/BATES. ET AL - JULY-DECEMBER, '85 - '86

E-120 UCRL-15801-86-1 NNWSI WASTE FORM TESTING AT ARGONNE
SANL-610-008 NATIONAL LABORATORY, SEMIANNUAL REPORT
-/BATES, ET AL - JAN.-JUNE 1986

E-71 UCRL-15825 THE EFFECT OF GAMMA RADIATION ON GROUNDWATER
SANL-510-001 CHEMISTRY AND GLASS LEACHING AS RELATED TO
THE NNWSI REPOSITORY SITE, 5/86
-/ABRAJANO, ET AL

DW8 - LAWRENCE LIVERMORE NATIONAL LABORATORY PUBLICATIONS
ON FILE AT LV

E-87 UCRL-15881 TRANSPORT AND REACTION KINETICS AT THE
SANL 610-008 GLASS:SOLUTION INTERFACE REGION:RESULTS OF
REPOSITORY-ORIENTED LEACHING EXPERIMENTS
-/ABRAJANO, ET AL, 2/87

E-107 UCRL-15976 MICROSTRUCTURAL CHARACTERISTICS OF PWR SPENT
FUEL RELATIVE TO ITS LEACHING BEHAVIOR, 5/85
-/WILSON
*WESTINGHOUSE HANFORD COMPANY (PRESENTED AT
AMERICAN CERAMIC SOCIETY 87 ANNUAL MEETING,
CINCINNATI, OHIO, MAY 5-9, 1985)

E-108 UCRL-15993 THE INFLUENCE OF COPPER ON ZIRCALOY SPENT FUEL
CLADDING DEGRADATION UNDER A POTENTIAL TUFF
REPOSITORY CONDITION, 3/87
-/SMITH
*WESTINGHOUSE HANFORD COMPANY

E-112 UCRL-21005 CORROSION TESTING OF TYPE 304L STAINLESS STEEL
SANL-616-007 IN TUFF GROUNDWATER ENVIRONMENTS, 11/87
-/WESTERMAN, ET AL
*PACIFIC NORTHWEST LABORATORY

E-110 UCRL-21013 SUMMARY OF RESULTS FROM THE SERIES 2 AND SERIES
3 NNWSI BARE FUEL DISSOLUTION TESTS, 11/87
-/WILSON
*WESTINGHOUSE HANFORD COMPANY

E-111 UCRL-21019 RECENT RESULTS FROM NNWSI SPENT FUEL
SANL-622-027 LEACHING/DISSOLUTION TESTS, 4/87
-/WILSON
*WESTINGHOUSE HANFORD COMPANY

E-123 UCRL-21053 THERMOCHEMISTRY OF URANIUM COMPOUNDS. XVII.
STANDARD MOLAR ENTHALPY OF FORMATION AT 298.15
K OF DEHYDRATED SCHOEPIE $UO_3 \cdot 0.9H_2O$.
THERMODYNAMICS OF (SCHOEPIE + DEHYDRATED
SCHOEPIE + WATER)
-/O'HARE, ET AL (ARGONNE NAT'L LAB)
NGUYEN (LLNL) 1/88

DW8 - LAWRENCE LIVERMORE NATIONAL LABORATORY PUBLICATIONS
ON FILE AT LV

E-126	UCRL-21055	THERMOCHEMISTRY OF URANIUM COMPOUNDS. XVI. CALORIMETRIC DETERMINATION OF THE STANDARD MOLAR ENTHALPY OF FORMATION AT 298.15 K, LOW-TEMPERATURE HEAT CAPACITY, AND HIGH-TEMPERATURE ENTHALPY INCREMENTS OF $UO_2(OH)_2 \cdot H_2O$ (SCHOEPITE) TASKER, ET AL 10/87 (ARGONNE NAT'L LAB)
E-66	UCRL-52000	ENERGY AND TECHNOLOGY REVIEW, 9/83
E-17	UCRL-52984	RESOLUTION AND ERROR OF THE BACK PROJECTION TECHNIQUE ALGORITHM FOR GEOPHYSICAL TOMOGRAPHY - 9/80 -/BURKHARD
E-18	UCRL-53127	DETECTION OF WATER-FILLED AND AIR-FILLED UNDERGROUND CAVITIES - 12/1/80 -/LAINE
E-19	UCRL-53231	DATING FAULT ASSOCIATED QUATERNARY MATERIAL FROM THE NAVADA TEST SITE USING URANIUM-SERIES METHODS - 9/81 -/KNAUSS
E-20	UCRL-53294-83	SPENT FUEL TEST - CLIMAX: TECHNICAL MEASUREMENTS INTERIM REPORT FISCAL YEAR 83 - 2/84 -/PATRICK, ET.AL.
E-21	UCRL-53381	STRUCTURAL GEOLOGY REPORT SPENT FUEL TEST - CLIMAX NEVADA TEST SITE - 10/84 -/WILDER
E-22	UCRL-53442	REACTION OF BULLFROG TUFF WITH J-13 WELL WATER AT 90°C AND 150°C - 9/15/83 -/OVERSBY, ET.AL.
E-23	UCRL-53496	HEATER TEST 1, CLIMAX STOCK GRANITE, NEVADA - 10/84 -/MONTAN, ET.AL.

DW8 - LAWRENCE LIVERMORE NATIONAL LABORATORY PUBLICATIONS
ON FILE AT LV

E-24	UCRL-53531	REFERENCE WASTE FORMS AND PACKING MATERIAL FOR THE NEVADA NUCLEAR WASTE STORAGE INVESTIGATIONS PROJECT - 3/30/84 -/OVERSBY
E-25	UCRL-53552	REACTION OF THE TOPOPAH SPRING TUFF WITH J-13 WELL WATER AT 90°C AND 150°C - 5/30/84 -/OVERSBY
E-26	UCRL-53574	REACTION OF THE TOPOPAH SPRING TUFF WITH J-13 WATER AT 120°C - 7/18/84 -/OVERSBY
E-27	UCRL-53580	RADIATION DOSES IN GRANITE AROUND EMPLACEMENT HOLES IN THE SPENT FUEL TEST - CLIMAX (FINAL REPORT) - 7/2/84 -/VAN KONYNENBURG
E-28	UCRL-53594	APPLICATION OF THE RUTHENIUM AND TECHNETIUM THERMODYNAMIC DATA BASES USED IN THE EQ3/6 GEOCHEMICAL CODES - 4/85 -/ISHERWOOD
E-29	UCRL-53595	PRECLOSURE ANALYSIS OF CONCEPTUAL WASTE PACKAGE DESIGNS FOR A NUCLEAR WASTE REPOSITORY IN TUFF - 11/1/84 -/O'NEAL, ET.AL.
E-30	UCRL-53597	PETITE SISMIC MEASUREMENTS AT THE SPENT FUEL TEST - CLIMAX - 9/84 -/ZUCCA
E-31	UCRL-53598	FIXED-FUGACITY OPTION FOR THE EQ6 GEOCHEMICAL REACTION PATH CODE - 12/20/84 -/DELANY
E-32	UCRL-53602	TRANSPORT PROPERTIES OF TOPOPAH SPRING TUFF - 10/84 -/LIN, ET.AL.

DW8 - LAWRENCE LIVERMORE NATIONAL LABORATORY PUBLICATIONS
ON FILE AT LV

E-33	UCRL-53606	PARAMETRIC TESTING OF A DWPF GLASS - 3/85 -/BAZAN, ET.AL.
E-34	UCRL-53622	EVALUATION OF THE IRAD FLEXIBLE-PROBE SONIC EXTENSOMETER - 11/84 -/GLENN, ET.AL.
E-35	UCRL-53625	MINERALOGIC AND PETROLOGIC INVESTIGATION OF POST-TEST CORE SAMPLES FROM THE SPENT FUEL TEST - CLIMAX - 2/85 -/RYERSON, ET.AL.
E-64	UCRL-53629	THE REACTION OF TOPOPAH SPRING TUFF WITH J-13 WATER AT 150° C--SAMPLES FROM DRILL CORES USW G-1, USW GU-3, USW G-4, AND UE-25h#1 - 3/85 -/OVERSBY
E-69	UCRL-53630	HYDROTHERMAL INTERACTION OF CRUSHED TOPOPAH SPRING TUFF AND J-13 WATER AT 90, 150, AND 250° C USING DICKSON-TYPE, GOLD-BAG ROCKING AUTOCLAVES, 5/85 KNAUSS, ET AL
E-62	UCRL-53631	REACTION OF TOPOPAH SPRING TUFF WITH J-13 WATER: A GEOCHEMICAL MODELING APPROACH USING THE EQ3/6 REACTION PATH CODE - 11/25/85 -/DELANY
E-36	UCRL-53632	FIELD INVESTIGATION OF KEYBLOCK STABILITY - 4/85 -/YOW
E-37	UCRL-53637	INSTRUMENTATION REPORT No. 3: PERFORMANCE AND RELIABILITY OF INSTRUMENTATION DEPLOYED FOR THE SPENT FUEL TEST - CLIMAX - 12/84 -/PATRICK, ET AL
E-92	UCRL-53642	PRECIPITATION KINETICS OPTION FOR THE EQ6 GEOCHEMICAL REACTION PATH CODE - 5/19/86 -/DELANY, ET AL

DW8 - LAWRENCE LIVERMORE NATIONAL LABORATORY PUBLICATIONS
ON FILE AT LV

E-103	UCRL-53645	HYDROTHERMAL INTERACTION OF SOLID WAFERS OF TOPOPAH SPRING TUFF WITH J-13 WATER AND DISTILLED WATER AT 90, 150, AND 250°C, USING DICKSON-TYPE, GOLD-BAG ROCKING AUTOCLAVES -/KNAUSS, ET AL - 9/85
E-60	UCRL-53673	ESTIMATES OF IN SITU DEFORMABILITY WITH AN NX BOREHOLE JACK, SPENT FUEL TEST - CLIMAX, NEVADA TEST SITE - 12/85 -/PATRICK, ET AL
E-76	UCRL-53688	POST-TEST THERMOMECHANICAL CALCULATIONS AND PRELIMINARY DATA ANALYSIS FOR THE SPENT FUEL TEST--CLIMAX - 9/85 -/BUTKOVICH ET AL
E-88	UCRL-53698	GEOCHEMICAL GRADIENTS IN THE TOPOPAH SPRING MEMBER OF THE PAINTBRUSH TUFF: EVIDENCE FOR ERUPTION ACROSS A MAGMATIC INTERFACT, 6/86 -/SCHURAYTZ, ET AL
E-98	UCRL-53702	SPENT FUEL TEST--CLIMAX: AN EVALUATION OF THE TECHNICAL FEASIBILITY OF GEOLOGIC STORAGE OF SPENT NUCLEAR FUEL IN GRANITE, FINAL REPORT -/W.C. PATRICK, 3/30/86
E-72	UCRL-53719	RADIATION CHEMICAL EFFECTS IN EXPERIMENTS TO STUDY THE REACTION OF GLASS IN AN ENVIRONMENT OF GAMMA-IRRADIATED AIR, GROUNDWATER, AND TUFF -/VAN KONYNENBURG, 5/2/86
E-93	UCRL-53722	HYDROTHERMAL INTERACTION OF SOLID WAFERS OF TOPOPAH SPRING TUFF WITH J-13 WATER AT 90 AND 150°C USING DICKSON-TYPE, GOLD-BAG ROCKING AUTOCLAVES: LONG-TERM EXPERIMENTS, 5/87 -/KNAUSS, ET AL
E-81	UCRL-53726	REFERENCE WASTE PACKAGE ENVIRONMENT REPORT -/GLASSLEY, 10/1/86

DWB - LAWRENCE LIVERMORE NATIONAL LABORATORY PUBLICATIONS
ON FILE AT LV

E-97	UCRL-53728 2 copies	POST-TEST THERMAL CALCULATIONS AND DATA ANALYSES FOR THE SPENT FUEL TEST--CLIMAX, 6/86 -/MONTAN, ET AL
E-70	UCRL-53735	THE TUFF REACTION VESSEL EXPERIMENT, 6/86 -/BAZAN, ET AL
E-95	UCRL-53761	WASTE PACKAGE PERFORMANCE ASSESSMENT: DETERMINISTIC SYSTEM MODEL PROGRAM SCOPE AND SPECIFICATION, 10/86 -/O'CONNELL, ET AL
E-90	UCRL-53762	SPENT-FUEL TEST--CLIMAX: AN EVALUATION OF THE TECHNICAL FEASIBILITY OF GEOLOGIC STORAGE OF SPENT NUCLEAR FUEL IN GRANITE (Executive Summary of Final Results) 9/2/86 -/PATRICK
E-99	UCRL-53767	GEOMECHANICS OF THE SPENT FUEL TEST--CLIMAX -/WILDER, ET AL
E-109	UCRL-53795	REACTION OF VITRIC TOPOPAH SPRING TUFF AND J-13 GROUND WATER UNDER HYDROTHERMAL CONDITIONS USING DICKSON-TYPE, GOLD-BAG ROCKING AUTOCLAVES, 11/86 -/KNAUSS, ET AL
E-38	UCRL-87018	BOREHOLE ELONGATION VERSUS IN SITU STRELL ORIENTATION - 12/81 -/SPRINGER, ET AL
E-39	UCRL-89475	POST EMPLACEMENT ENVIRONMENT OF WASTE PACKAGES (Materials Research Society Symposium, Boston, Mass Nov. 14-17, 1983) -/KNAUSS, ET.AL.
E-40	UCRL-89869	SPENT FUEL CLADDING CONTAINMENT CREDIT TESTS (Waste Management 84 Conference Tucson, Arizona March 11-15, 1984) - 2/84 -/WILSON

DWB - LAWRENCE LIVERMORE NATIONAL LABORATORY PUBLICATIONS
ON FILE AT LV

- E-41 UCRL-89988 SELECTION OF CANDIDATE CANISTER MATERIALS FOR HIGH-LEVEL NUCLEAR WASTE CONTAINMENT IN A TUFF REPOSITORY (National Association of Corrosion Engineers 4-1-84) - 11/83
-/MC CRIGHT, ET.AL.
- E-42 UCRL-90045 PERFORMANCE TESTING OF WASTE FORMS IN A TUFF ENVIRONMENT (Civilian Radioactive Waste Management Information Meeting, Washington, D.C. December 12-15, 1983) - 11/83
-/OVERSBY
- E-43 UCRL-90818 THE BEHAVIOR OF ACTINIDE CONTAINING GLASSES DURING GAMMA IRRADIATION IN A SATURATED TUFF ENVIRONMENT (Materials Research Society Meeting, Boston, Mass. November 26-30, 1984
-/BATES, ET.AL.
- E-44 UCRL-90855 BEHAVIOR OF CARBON-14 IN WASTE PACKAGES FOR SPENT FUEL IN A REPOSITORY IN TUFF (Paper prepared for submittal to Materials Research Society Symposium of the Scientific Basis for Nuclear Waste Management, Boston, Mass., November 26-30, 1984) - 11/7/84
-/VAN KONYNENBURG, ET.AL.
- E-45 UCRL-90875 CORROSION BEHAVIOR OF CARBON STEELS UNDER TUFF REPOSITORY ENVIRONMENTAL CONDITIONS (Materials Research Society 1984 Annual Meeting, Boston, Mass. November 26-30, 1984) - 10/84
-/MC CRIGHT, ET.AL.
- E-46 UCRL-91257 LABORATORY EXPERIMENTS DESIGNED TO PROVIDE LIMITS ON THE RADIONUCLIDE SOURCE TERM FOR THE NNWSI PROJECT (Proceedings of Workshop on the Source Term for Radionuclide Migration from HLW or Spent Nuclear Fuel, Albuquerque, NM, November 13-15, 1984) - 11/84
-/OVERSBY, ET.AL.

DW8 - LAWRENCE LIVERMORE NATIONAL LABORATORY PUBLICATIONS
ON FILE AT LV

- E-47 UCRL-91258 LEACHING SAVANNAH RIVER PLANT NUCLEAR WASTE GLASS IN A SATURATED TUFF ENVIRONMENT (Materials Research Society Meeting, Boston, Mass., November 26-30, 1984) - 11/84
-/BIBLER, ET.AL.
- E-48 UCRL-91804 BEHAVIOR OF STRESSED AND UNSTRESSED 304L SPECIMENTS IN TUFF REPOSITORY ENVIRONMENTAL CONDITIONS (Corrosion 85 NACE Annual Meeting, Boston, Mass, March 25-29, 1985) - 11/84
-/JUHAS, ET.AL.
- E-49 UCRL-92096 DERIVATION OF A WASTE PACKAGE SOURCE TERM FOR NNWSI FROM THE RESULTS OF LABORATORY EXPERIMENTS (Materials Research Society 1985 Symposium on the Scientific Basis for Nuclear Waste Management, Stockholm, Sweden, September 9-11, 1985) - 9/85
-/OVERSBY, ET.AL.
- E-50 UCRL-92311 GAMMA RADIATION EFFECTS ON CORROSION: I ELECTROCHEMICAL MECHANISMS FOR THE AQUEOUS CORROSION PROCESSES OF AUSTENITIC STAINLESS STEELS (Radiation Physics and Chemistry) - 2/85
-/GLASS, ET.AL.
- E-51 UCRL-92526 THE EFFECT OF GAMMA IRRADIATION ON THE STRENGTH AND ELASTICITY OF CLIMAX STOCK AND WESTERLY GRANITES (Paper prepared for Submittal to Nuclear and Chemical Waste Management) - 3/85
-/DURHAM, ET.AL.
- E-52 UCRL-92891 LWR SPENT FUEL CHARACTERISTICS RELEVANT TO PERFORMANCE AS A WASTEFORM IN A POTENTIAL TUFF REPOSITORY (The American Nuclear Society Winter Meeting, November 10-14, 1985, San Francisco, Calif.) - 6/85
-/WILSON, ET.AL.

DW8 - LAWRENCE LIVERMORE NATIONAL LABORATORY PUBLICATIONS
ON FILE AT LV

E-53	UCRL-92941	CORROSION PROCESSES OF AUSTENITIC STAINLESS STEELS AND COPPER-BASED MATERIALS IN GAMMA-IRRADIATED AQUEOUS ENVIRONMENTS (Paper prepared for submittal to Corrosion/86, Albert Thomas Convention Center, Houston, Texas, March 17-21, 1986) - 9/85 -/GLASS, ET.AL.
E-77	UCRL-93405	EVIDENCE FOR SYNTECTONIC ACTIVITY DURING ALLUVIAL DEPOSITION, YUCCA FLAT, NEVADA -/ELWOOD, ET AL, 9/85
E-57	UCRL-94031	CONTROL OF RESEARCH ORIENTED SOFTWARE DEVELOPMENT (Paper prepared for submittal for the 1986-ASQC Quality Congress Transaction, Anaheim, CA, May 19-21, 1986). -/LEWIS, ET AL
E-65	UCRL-94087	A MONTE CARLO INVESTIGATION OF A PROPOSED SCREEN FOR NX-BOREHOLE JACK DATE, 4/86 -/AXELROD
E-56	UCRL 94222 PREPRINT	IMPORTANT RADIONUCLIDES IN HIGH LEVEL NUCLEAR WASTE DISPOSAL: DETERMINATION USING A COMPARISON OF THE EPA AND NRC REGULATIONS (Paper prepared for submittal to Nuclear and Chemical Waste Management, February, 1986) -/OVERSBY
E-96	UCRL-94363	HYDROLOGICAL PROPERTIES OF TOPOPAH SPRING TUFF-LABORATORY MEASUREMENTS -/DAILY, ET AL
E-89	UCRL-94500 PREPRINT	LONG-TERM CORROSION BEHAVIOR OF COPPER-BASE MATERIALS IN A GAMMA-IRRADIATED ENVIRONMENT -/YUNKER, 12/86

DWS - LAWRENCE LIVERMORE NATIONAL LABORATORY PUBLICATIONS
ON FILE AT LV

E-61 UCRL-94600 AN APPLICATION OF SOFTWARE QUALITY ASSURANCE TO
PREPRINT A SPECIFIC SCIENTIFIC CODE DEVELOPMENT
TASK
(Prepared for submittal to 17th California
Quality Week, Santa Clara, CA, March 21-22,
1986)
-/DRONKERS

E-83 UCRL-94633 EXPERIMENTAL STUDY OF THE DISSOLUTION SPENT
PREPRINT FUEL AT 85° C IN NATURAL GROUND WATER
-/WILSON, ET AL
MATERIALS RESEARCH SOCIETY SYMPOSIUM, BOSTON,
12/1-5/86

E-82 UCRL-94658 INTEGRATED TESTING OF THE SRL-165 GLASS WASTE
PREPRINT FORM
-/PHINNEY, ET AL, 12/86

E-85 UCRL-94659 SPENT FUEL AS A WASTE FORM - DATA NEEDS TO
PREPRINT ALLOW LONG TERM PERFORMANCE ASSESSMENT UNDER
REPOSITORY DISPOSAL CONDITIONS
-/OVERSBY, 12/86

E-78 UCRL-94708 CARBON-14 IN WASTE PACKAGES FOR SPENT FUEL IN A
TUFF REPOSITORY (Prepared for submittal to
Materials Research Society Symposium on the
Scientific Basis for Nuclear Waste Management,
Boston, MA, 12/1-6/86) WESTINGHOUSE HANFORD CO.
-/VAN KONYNENBURG

E-94 UCRL-94721 LEACHING OF ACTINIDE-DOPED NUCLEAR WASTE GLASS
PREPRINT IN A TUFF-DOMINATED SYSTEM, 1/87
-/BAZAN, ET AL

E-121 UCRL-95539 INFLUENCE OF STRESS-INDUCED DEFORMATIONS ON
Rev. 1 OBSERVED WATER FLOW IN FRACTURES AT THE CLIMAX
PREPRINT GRANITIC STOCK, 6/87
-/WILDER

DW8 - LAWRENCE LIVERMORE NATIONAL LABORATORY PUBLICATIONS
ON FILE AT LV

E-91	UCRL-95568 PREPRINT	TEST CONCEPT FOR WASTE PACKAGE ENVIRONMENT TESTS AT YUCCA MOUNTAIN, 6/87, (Prepared for submittal to 28th U.S. Symposium on Rock Mechanics, Tucson, AZ, 6/29-7/1/87) -/YOW, Jr.
E-86	UCRL-95884 PREPRINT	THE EFFECTS OF GAMMA RADIATION ON GROUNDWATER CHEMISTRY AND GLASS REACTION IN A SATURATED TUFF ENVIRONMENT -/EBERT, ET AL & VAN KONYNENBURG, 12/23/86
E-101	UCRL-95961 PREPRINT	COPPER CORROSION IN IRRADIATED ENVIRONMENTS. THE INFLUENCE OF H ₂ O ₂ ON THE ELECTROCHEMISTRY OF COPPER DISSOLUTION IN HCl ELECTROLYTE, 12/86 -/SMYRL, ET AL, for Materials Research Society Symposium, Boston, Ma.
E-84	UCRL-95962 PREPRINT	HYDROGEN SPECIATION IN HYDRATED LAYERS ON NUCLEAR WASTE GLASS -/AINES, ET AL, 1/15/87 *ARGONNE NATIONAL LABORATORY
E-102	UCRL-96318	ELECTROMAGNETIC EXPERIMENT TO MAP IN SITU WATER IN HEATED WELDED TUFF: PRELIMINARY RESULTS -/RAMIREZ, ET AL, 3/87
E-117	UCRL-96555 REV. 1 PREPRINT	THERMODYNAMIC DATA BASES FOR MULTIVALENT ELEMENTS: AN EXAMPLE FOR RUTHENIUM, 11/87 -/RARD
E-118	UCRL-96702 PREPRINT	GEOCHEMICAL SIMULATION OF REACTION BETWEEN SPENT FUEL WASTE FORM AND J-13 WATER AT 25°C AND 90°C -/BRUTON, ET AL *MATERIALS RESEARCH SOCIETY SYMPOSIUM, BOSTON
E-113	UCRL-96703 PREPRINT	GEOCHEMICAL SIMULATION OF DISSOLUTION OF WEST VALLEY AND DWPF GLASSES IN J-13 WATER AT 90°C -/BRUTON, 11/87 *MATERIALS RESEARCH SOCIETY SYMPOSIUM, BOSTON

DW8 - LAWRENCE LIVERMORE NATIONAL LABORATORY PUBLICATIONS
ON FILE AT LV

E-119	UCRL-96816	PRELIMINARY EVALUATION OF AN ELECTROMAGNETIC EXPERIMENT TO MAP IN SITU WATER IN HEATED WELDED TUFF, 2/87 -/DAILY, ET AL
E-132	UCRL-96926	HYDROLOGICAL PROPERTIES OF TOPOPAH SPRING TUFF UNDER A THERMAL GRADIENT LABORATORY RESULTS -/LIN, ET AL 4/88
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 ^{14}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

DWS - LAWRENCE LIVERMORE NATIONAL LABORATORY PUBLICATIONS
ON FILE AT LV

- E-148 UCRL-100395 WASTE PACKAGE PERFORMANCE ASSESSMENT FOR THE
PREPRINT YUCCA MOUNTAIN PROJECT
-/O'CONNELL, ET AL
*WASTE MANAGEMENT '89, TUCSON, AZ, 2/26-3/2/89
- E-149 UCRL-100554 CHEMICAL THERMODYNAMICS OF TECHNETIUM, 2/89
-/RARD
*PREPARED FOR BOOK: CHEMICAL THERMODYNAMICS OF
TECHNETIUM, NUCLEAR ENERGY AGENCY, PARIS,
FRANCE
- E-142 UCRL-100563 INTERPRETING QUALITY ASSURANCE REQUIREMENTS
PREPRINT FROM A PROJECT MANAGEMENT PERSPECTIVE
-/DRONKERS, ET AL (for ASQC 4/2-5/89, LV, NV)
- E-150 UCRL-21060-87-2 NNHSI WASTE FORM TESTING AT ARGONNE
NATIONAL LABORATORY, SEMIANNUAL REPORT,
JULY-DECEMBER 1987

C-125	SAND86-7013	TECHNICAL BASIS AND PARAMETRIC STUDY OF GROUND MOTION AND SURFACE RUPTURE HAZARD EVALUATIONS AT YUCCA MOUNTAIN, NEVADA, 9/87 -/BLUME & ASSOC.
C-124	SAND86-7130	LABORATORY DETERMINATION OF THE MECHANICAL, ULTRASONIC AND HYDROLOGIC PROPERTIES OF WELDED TUFF FROM THE GROUSE CANYON HEATED BLOCK SITE, 8/87 -/BOARD, ET AL
C-105	SAND86-7133	ANALYSIS OF HORIZONTAL WASTE EMPLACEMENT BOREHOLES OF A NUCLEAR WASTE REPOSITORY IN TUFF, 3/87 -/ARULMOLI, ET AL
C-96	SAND86-7135	ONE-TWELFTH-SCALE MODEL OF HORIZONTAL EMPLACEMENT AND RETRIEVAL EQUIPMENT FOR RADIOACTIVE WASTE PACKAGES AT THE PROPOSED REPOSITORY IN TUFF, 12/86 -/WHITE, ET AL
C-133	SAND86-7136	SITE-GENERATED WASTE TREATMENT AND DISPOSAL STUDY, 10/87 -/JARDINE, ET AL
C-119	SAND87-0112	SIMPLE MODELS OF THE SATURATED ZONE AT YUCCA MOUNTAIN, 7/87 -/BARR, ET AL
C-101	SAND-87-0115	TECHNICAL CORRESPONDENCE IN SUPPORT OF THE SITE CHARACTERIZATION PLAN -/NIMICK, ET AL
C-138	SAND87-0293C	DRYING OF AN INITAILLY SATURATED FRACTURED VOLCANIC TUFF, 1/88 -/RUSSO, ET AL
C-139-A C-139-B C-139-C	SAND87-1176 SAND87-1176 SAND87-1176	DESCRIPTION OF GROUND MOTION DATA PROCESSING CODES 2/88, VOLUMES I, II, III -/SANDERS
C-130	SAND87-1245 UC-70	REPOSITORY WASTE-HANDLING EQUIPMENT DEVELOPMENT PLAN, 11/87 -/GLOWKA
C-160	SAND87-1575	PRELIMINARY ANALYSES OF THE EXCAVATION INVESTIGATION EXPERIMENTS PROPOSED FOR THE EXPLORATORY SHAFT AT YUCCA MOUNTAIN, NEVADA TEST SITE -/COSTIN, ET AL
C-152	SAND87-1685	PRELIMINARY EVALUATION OF THE EXPLORATORY SHAFT REPRESENTATIVENESS FOR THE YUCCA MOUNTAIN PROJECT -/NIMICK, ET AL, 12/88

C-163	SAND88-2785	PRELIMINARY ANALYSES IN SUPPORT OF IN SITU THERMOMECHANICAL INVESTIGATIONS -/BAUER, ET AL
C-155	SAND88-2936	TECHNICAL CORRESPONDENCE IN SUPPORT OF AN EVALUATION OF THE HYDROLOGIC EFFECTS OF EXPLORATORY SHAFT FACILITY CONSTRUCTION AT YUCCA MOUNTAIN -/PETERSON, ET AL, 12/88
C-61	SAND--7212 (PNL-5306)	INVESTIGATIONS OF SENSITIVITY AND UNCERTAINTY IN SOME HYDROLOGIC MODELS OF YUCCA MOUNTAIN AND VICINITY -/JACOBSON, ET.AL.
C-68	6310-85-1	RECOMMENDED MATRIX AND ROCK MASS BULK, MECHANICAL, AND THERMAL PROPERTIES FOR THERMOMECHANICAL STRATIGRAPHY OF YUCCA MOUNTAIN, VERSION 1, OCTOBER 1984 -/NIMIC, ET AL