



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

November 1, 1990

MEMORANDUM FOR: John Austin, Chief
Regulatory Branch
Division of Low-Level Waste Management
and Decommissioning, NMSS

FROM: Brenda Shelton, Chief
Information and Records Management Branch
Division of Information and Support Services
Information Resources Management

SUBJECT: REACTOR DECOMMISSIONING RECORDS FOR USE BY THE
DIVISION OF LOW-LEVEL WASTE MANAGEMENT AND
DECOMMISSIONING

Transmitted herewith are five boxes of the original decommissioning case files for the fifty-eight terminated test and research reactors identified in the attachment to your memorandum of July 2, 1990, and your memorandum of October 17, 1990.

It is our understanding that you plan to ship these records to Oak Ridge Associated Universities (ORAU), where they will reside approximately two months. Since these are the agency's official records, we trust that you and ORAU will establish a procedure to ensure that all of the records are returned in the same condition.

We have enclosed a list that identifies the content of each box that is to be included in the shipment.

If we can be of further assistance, do not hesitate to contact me on x28132 or Inez Bailey on x20075.

A handwritten signature in cursive script, appearing to read "Brenda Shelton".

Brenda Shelton, Chief
Information and Records Management Branch
Division of Information Support Services

Enclosure:
As Stated

9012040267 901108
PDR ADDCK 05000099
W PDR

ENCLOSURE 2

FIFTY-EIGHT TERMINATED TEST AND RESEARCH
REACTOR CASE FILES

BOX #1

<u>DOCKET NUMBER</u>	<u>CONTENTS</u>	<u>DATES</u>
50-1	License Terminated/Decommission File	6/12/56 thru
50-4	" " "	9/14/56 thru
50-6	" " "	8/10/56 thru
50-6	Revised Safety Analysis Rpt	9/13/74
50-8	License Terminated/Decommission File	12/20/55 thru
50-13 (CX-1)	" " "	3/20/57 thru
50-13 (CX-10)	" " "	1/22/58 thru
50-13 (CX-12)	" " "	9/24/58 thru
50-14	" " "	1/16/58
50-17	" " "	10/19/58 thru
50-17	Vol. 1 Final Survey Results	3/4/77
50-17	Vol. 2 Suppl to Final Survey Results	3/4/77
50-17	Dismantling Plan	6/12/75
50-17	Final Survey Results	11/16/76
50-17	Final Survey Results	7/1/77

BOX #2

<u>DOCKET NUMBERS</u>	<u>CONTENTS</u>	<u>DATES</u>
50-23	License Terminated/Decommission File	1/22/58 thru
50-24	" " "	8/9/57 thru
50-34	" " "	11/25/57 thru
50-37	" " "	8/13/57 thru
50-43	" " "	4/29/57 thru
50-50	" " "	5/26/58 thru
50-58	" " "	8/26/57 thru
50-60	" " "	9/13/57 thru
50-64	" " "	11/10/66 thru
50-75	" " "	1/5/59 thru
50-84	" " "	4/19/57 thru
50-87	" " "	6/17/58 thru
50-87	Safety Analysis Rpt & Prop Tech Specs	2/11/81
50-87	Reply to NRC Lic Review Comm Questions	7/9/84
50-87	Appl for Amdt - Possession Only Lic	6/19/87
50-87	Appl for Amdt - Approval of Dismantle Plan	7/8/87
50-87	Westinghouse NTR Decommission Rpt	4/11/88
50-87	Westinghouse NTR Lic Appl Renewal	12/18/81

FIFTY-EIGHT TERMINATED TEST AND RESEARCH
REACTOR CASE FILES

BOX #3

<u>DOCKET NUMBERS</u>	<u>CONTENTS</u>	<u>DATES</u>
50-94	License Terminated/Decommission File	3/29/60 thru
50-98	" " "	7/3/58 thru
50-99	" " "	8/7/73 thru
50-101	" " "	10/22/58 thru
50-106	" " "	6/28/68 thru
50-108	" " "	11/3/59 thru
50-111	" " "	3/16/60 thru
50-112	" " "	11/14/83 thru
50-114	" " "	1/8/59 thru
50-122	" " "	2/25/59 thru
50-122	Appl for Lic to Deactivate, Decommission and Remove	4/10/73
50-124	License Terminated/Decommission File	12/18/59 thru
50-124	App A - Prelim Questions & Comments	11/28/84
50-124	Decommissioning Plan	7/17/86
50-124	Decommissioning Final Rpt	4/6/87
50-124	Final Rpt of Confirmatory Rad Survey	2/3/88

BOX #4

<u>DOCKET NUMBERS</u>	<u>CONTENT</u>	<u>DATE</u>
50-129	License Terminated/Decommission File	7/28/59 thru
50-135	" " "	8/17/62 thru
50-141	" " "	12/4/59 thru
50-147	" " "	10/3/60 thru
50-153	" " "	5/3/60 thru
50-154	" " "	12/28/61 thru
50-167	" " "	7/22/60 thru
50-172	" " "	7/20/62 thru
50-191	" " "	5/14/62 thru
50-197	" " "	2/4/64 thru
50-202	" " "	9/20/63 thru
50-203	" " "	11/13/63 thru
50-212	" " "	8/19/63 thru
50-216	" " "	4/27/67 thru
50-227	" " "	1/14/66 thru
50-234	" " "	5/25/65 thru
50-235	" " "	6/29/65 thru
50-240	" " "	9/8/66 thru
50-246	" " "	2/17/66 thru
50-253	" " "	3/9/67

FIFTY-EIGHT TERMINATED TEST AND RESEARCH
REACTOR CASE FILES

BOX #5

DOCKET NUMBERS	CONTENTS	DATES
50-290	License Terminated/Decommission File	12/2/67 thru
50-294	" " " "	3/21/69 thru
50-294	Response Document to Addl Info Req on MSU Facility Decommissioning Plan	5/4/89
50-294	Radiological Control Procedure	5/4/89
50-294	Response to Request for Addl Info re Decommissioning of Triga Reactor	5/4/89
50-294	MSU Termination Radiation Survey and Final Rpt	11/6/89
50-294	Confirmatory Radiological Survey	2/28/90
50-310	License Terminated/Decommission File	11/9/67 thru
50-375	" " " "	1/5/72 thru
50-375	ESG Enviro Monitoring & Facility Effluent Annual Rpt	8/14/8
50-394	License Terminated/Decommission File	5/16/7 thru
50-394	Request Termination of License R-121 Decommissioning Reactor & Release	1/30/85
50-433	License Terminated/Decommission File	12/3/74 thru
50-433	Prop Final Survey Rpt L-77 Reactor Dismantling	1/5/87
50-538	License Terminated/Decommission File	12/10/76 thru

DOCKET NO./REACTOR	LOCATION	DATE LIC. TERMINATED
1. 50-1 IL Inst. of Technology (Water Boiler Research)	Chicago, IL	04-28-72
2. 50-4 USN Research Lab (Pool Type)	Washington, D.C.	03-18-71
3. 50-6 Battelle Memorial Institute (Pool Type)	Columbus, OH	12-22-87
4. 50-8 N.C. State (Aqueous Homogeneous)	Raleigh, NC	09-07-66
5. 50-13 Babcock & Wilcox (Split Table)	Lynchburg, VA	02-26-88
6. 50-14 Battelle Memorial (Plastics Mod. Crit. Asy.)	W. Jefferson, OH	05-11-70
7. 50-17 Industrial Reactor Labs. (Pool Type)	Plainsboro, NJ	11-04-77
8. 50-23 Nuclear Devel. Corp. America (Crit. Ex.)	Pawling, NY	06-22-61
9. 50-24 General Electric (BWR Crit. Ex.)	Alameda Co., CA	12-01-69
10. 50-34 Westinghouse Electric Corp. (PWR Crit. Ex.)	Waltz Mill, PA	12-08-69
11. 50-37 General Dynamics (CIRGA Zirc. Hydride mod.)	San Diego, CA	03-15-60
12. 50-43 US Naval Post-Grad School (AGN-201)	Monterey, CA	10-11-72
13. 50-50 North American Aviation (L-47 Homogeneous)	Canoga Park, CA	06-30-58
14. 50-58 Oklahoma State University (AGN-201)	Stillwater, OK	03-19-74
15. 50-60 U.S. Navy Hospital (AGN-201M)	Bethesda, MD	06-24-65
16. 50-64 University of Akron (AGN-201)	Akron, OH	10-09-67
17. 50-75 NASA (ZPR-1 Solution-Type Crit. Fac.)	Cleveland, OH	10-13-73

DOCKET NO./REACTOR	LOCATION	DATE LIC. TERMINATED
18. 50-84 University of California (AGN-201)	Berkeley, CA	08-23-66
19. 50-87 Westinghouse Electric Corp. (Training Reactor)	Zion, IL	10-27-88
20. 50-87 Westinghouse Electric Corp. (Crit. Ex. Station)	Waltz Mill, PA	01-26-72
21. 50-94 Rockwell International (L-77)	Canoga Park, CA	02-11-82
22. 50-98 University of Delaware (AGN-201)	Newark, DE	02-26-79
23. 50-99 Babcock & Wilcox Lynchburg (Pool Type)	Lynchburg, VA	07-20-82
24. 50-101 Gulf United Nuclear Corp. (Pawling Lattice Test Rig)	Pawling, NY	06-25-74
25. 50-106 Oregon State (AGN-201)	Corvallis, OR	11-10-81
26. 50-108 Allis Chalmers (Crit. Ex. Fac.)	Greendale, WI	01-20-67
27. 50-111 N.C. State (Pool Type)	Raleigh, NC	01-13-83
28. 50-112 University of Oklahoma (AGN-211)	Norman, OK	02-14-90
29. 50-114 Rice University (AGN-211)	Houston, TX	09-26-67
30. 50-122 University of Wyoming (L-77)	Laramie, WY	12-05-75
31. 50-124 Virginia Tech (Pool Type)	Blacksburg, VA	08-11-88
32. 50-129 West Virginia University (AGN-211)	Morgantown, WV	09-07-84
33. 50-135 Walter Reed Medical Center (L-54, Homogeneous Solution)	Washington, DC	07-26-72
34. 50-141 Stanford University (Pool Type)	Stanford, CA	06-21-83

DOCKET NO./REACTOR	LOCATION	DATE LIC. TERMINATED
35. 50-147 Rockwell International	Canoga Park, CA	10-01-80
36. 50-153 Westinghouse (CVTR MOCKUP, Heavy Water)	Waltz Mill, PA	04-24-63
37. 50-154 Martin Marietta (Fluidized Bed Crit. Ex.)	Middle River, MD	02-07-66
38. 50-167 Lockheed (Pool Type)	Dawson Co., GA	09-01-60
39. 50-172 Lockheed (Radiation Effects Reactor)	Dawson Co., GA	08-31-71
40. 50-191 Babcock & Wilcox (Plutonium Recycle Crit. Ex.)	Lynchburg, VA	06-01-73
41. 50-197 NASA (ZPR-2 Solution-Type Crit. Fac.)	Cleveland, OH	10-13-73
42. 50-202 University of Nevada (L-77)	Reno, NV	02-24-75
43. 50-203 General Electric (Mixed Spectrum Crit. Assembly)	Alameda Co., CA	03-11-68
44. 50-212 General Dynamics (Fast Critical Assembly)	San Diego, CA	03-05-65
45. 50-216 Polytechnic Institute NY (AGN-201M)	Bronx, NY	12-21-77
46. 50-227 General Atomic Company (TRIGA Mark III)	San Diego, CA	12-10-75
47. 50-234 Gulf Oil Corp. (Thermionic Crit. Fac.)	San Diego, CA	08-10-73
48. 50-235 Gulf General Atomic (APFA)	San Diego, CA	10-22-69
49. 50-240 Gulf General Atomic (HTGR)	San Diego, CA	04-02-73
50. 50-246 General Dynamics Corp. (ACRE)	San Diego, CA	12-30-66
51. 50-253 Gulf Oil Corporation (APFA III)	San Diego, CA	08-10-73

DOCKET NO./REACTOR	LOCATION	DATE LIC. TERMINATED
52. 50-290 Gulf United Nuclear Corp. (Water Mod. Proof Test Fac.)	Pawling, NY	06-25-74
53. 50-294 Michigan State University (Triga Mark I)	East Lansing, MI	04-05-90
54. 50-310 NUMEC and Commonwealth of PA (Pool Type)	Quehanna, PA	12-02-66
55. 50-375 Rockwell International (L-85)	Canoga Park, CA	04-08-87
56. 50-394 California Polytechnic (AGN-201)	San Luis Obispo, CA	07-19-85
57. 50-433 University of California (AGN-211)	Santa Barbara, CA	11-17-89
58. 50-538 Memphis State University	Memphis, TN	10-19-88