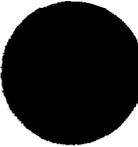


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**RICHLAND OPERATIONS OFFICE**  
**RECORDS PRODUCED BY PACIFIC NORTHWEST NATIONAL LABORATORY**  
**SELECTED MATERIALS ON THE EFFECTS OF PLUTONIUM PRODUCTION**

*17 pages.*

INTRODUCTION:  
RICHLAND OPERATIONS OFFICE  
RECORDS PRODUCED BY PACIFIC NORTHWEST NATIONAL LABORATORY  
SELECTED MATERIALS ON THE EFFECTS OF PLUTONIUM PRODUCTION

by Roger M. Anders

Office of Human Radiation Experiments

Deputy Assistant Secretary for Planning and Administration

Assistant Secretary for Environment, Safety and Health

February 1997

**The Department of Energy and Its Heritage:** The Department of Energy (DOE) is one of the most diverse agencies in the Federal government. It was created in 1977 from a score of organizational entities from a dozen departments and agencies. DOE encourages the development of energy technologies in several areas--solar, geothermal, fossil fuel, and nuclear. It develops technologies aimed at promoting conservation of energy resources. DOE is one of the largest Federal agency supporters of basic scientific research and manages a research complex that includes some of the nation's premier laboratories. DOE helps formulate national policies for energy use and development. Perhaps surprisingly to many, DOE also runs the nuclear weapons research, development, and production complex as well as associated dismantlement and clean up activities.

DOE's nuclear heritage comes from the World War II Manhattan Project which built the atomic bomb. The threads of DOE's involvement with nuclear issues and programs run through the following agencies: the Manhattan Engineer District (1942-1947), the Atomic Energy Commission (1947-1975), and the Energy Research and Development Administration (1975-1977). DOE not only took over functions, cultures, and traditions from these agencies, it also inherited records from them. Of these agencies, the longest lived and most controversial was the Atomic Energy Commission (AEC).

**The Atomic Energy Commission:** From its inception in 1947 until its abolition in 1975, the AEC carried out a Congressional mandate for a large federal role in atomic energy development.

The AEC maintained programs for nuclear weapons research, development, production, and testing; production of plutonium and weapons grade uranium; milling and refining of uranium ore; biomedical research into the effects of radiation and nuclear weapons; basic nuclear research in fields such as chemistry, physics, and metallurgy; development of nuclear reactors; promotion of a civilian nuclear power industry; and conduct of international Atoms-for-Peace activities. It was unique among federal agencies in combining responsibilities to both promote and regulate a technology.

In 1947 the AEC assumed control of research and production facilities created by the Manhattan Engineer District (MED) during World War II. The facilities were scattered from coast to coast, with the primary ones being located in Oak Ridge, Tennessee; Hanford, Washington; and Los Alamos, New Mexico. At Oak Ridge the Manhattan Project established facilities for the production of bomb grade uranium. It also had intended to build nuclear reactors for plutonium production there as well. When research showed that production reactors would generate far more heat and radioactivity than scientists had previously believed, the Manhattan Project located plutonium production facilities near Hanford, Washington. During the war the E. I. DuPont de Nemours Company built and operated Hanford plutonium production facilities for the Manhattan Engineer District.

To operate its facilities, the MED had used contractors while retaining government ownership of plants, laboratories, and buildings. The AEC continued this system of government-owned, contractor-operated (GOCO) facilities. At Hanford, DuPont pulled out as the operating contractor after the end of the war. In 1946 General Electric acquired the managing and operating contract and assumed responsibility for producing plutonium.

**Pacific Northwest National Laboratory:** Shortly after the MED began building plutonium production facilities at Hanford, it formed a research laboratory to support production activities. The laboratory, eventually called the Hanford Laboratories, launched programs to study radiation damage to reactor materials, to investigate fuel processing techniques, to develop processes for the removal of useful fission products from reactor wastes, and to study the biological and environmental effects of production reactor operation. Because the MED intended to place huge production reactors on the Columbia River, there was special interest in studying reactor environmental impact and effects on aquatic life, particularly since the Columbia provided drinking water and food for millions of people in the Pacific Northwest.

To investigate the biological and environmental effects of production reactors, for example, the Hanford Laboratories launched several programs. One examined the effect of the reactors on river fish and aquatic biology and another the effects on the environment of radioisotopes released routinely during reactor operation. This effort focused on the effects of iodine, tritium, radioactive particles, and plutonium on the environment and man. The Hanford Laboratories also initiated programs to study the absorption of radioisotopes through the human gastrointestinal tract and methods of treating radiation injury. Until the middle 1960s the Hanford Laboratories focused on nuclear technology and the environmental and health effects of radiation.

By this time, the AEC had met all Department of Defense requirements for nuclear weapons production and had created a huge arsenal of nuclear weapons. Accordingly, President Lyndon B. Johnson decided to reduce nuclear materials production and presented it as a disarmament measure in his 1964 State of the Union address. As a result, over the next seven years, the AEC shut down all but one of the Hanford production reactors. Because the Hanford area was a one industry town, the AEC also took steps to keep the area economically viable by aiming to bring new industry and contractors into the area. It grouped these efforts into its Hanford diversification program. In 1964 General Electric decided to withdraw from Hanford and the AEC committed to use multiple contractors at the site.

In the first major move of its Hanford diversification program, the AEC selected Battelle Memorial Institute of Columbus, Ohio to take over operation of the Hanford Laboratories, which were now renamed the Pacific Northwest Laboratory (PNL). At its inception PNL had a staff of about 1,800 and a budget of approximately \$20 million.

Under Battelle management the laboratory began to grow. From a single gray barracks in downtown Richland in 1965, PNL, in ten years, had grown to include new buildings and equipment valued at \$50 million. For example, in 1967 PNL began operation of a 120 square mile Arid Lands Ecology Reserve for the AEC. It established a Marine Research Laboratory on Washington's Olympic Peninsula and a research center near the University of Washington's Seattle campus. It built a Richland Research Complex which included a Research Operations Building, a Physical Sciences Laboratory, a 300 seat auditorium, a Mathematics Building, an Engineering Development Laboratory, and a Life Sciences Laboratory. In 1967 an observatory with the largest optical telescope in the Northwest was established near Richland.

The AEC, meanwhile, had decided to build the Fast Flux Test Facility (FFTF) at Richland as part of its Hanford diversification efforts. The FFTF was an advanced nuclear reactor which would be used to test fuels and materials which could be used in advanced nuclear breeder reactors. PNL was given the job of designing the FFTF and selecting engineering and construction firms to build it.

At the same time PNL was diversifying its research programs. The laboratory expanded its efforts into additional biomedical, nonnuclear energy, environmental, national security, and human affairs research. In 1969 PNL was chosen by the National Aeronautics and Space Administration to analyze lunar samples collected by the Apollo program and in 1972 PNL received lunar samples from the Apollo 15 and 17 space missions for research. In 1972 the laboratory won a prestigious award for developing a porous substance that could develop a "living union" between bone and prosthetic devices by bone ingrowth.

By 1975 PNL's work force totaled about 1142 and its annual operating budget was a little over \$25 million. By this time the AEC had been replaced by the Energy Research and Development Administration (ERDA). Within two years ERDA had been replaced by the Department of Energy (DOE). PNL became first an ERDA facility in 1975 and then a DOE facility in 1977.

PNL continued its role as an expanding and diversifying facility under DOE. When Mount St. Helens erupted in 1980, PNL began collecting and analyzing ash samples to determine potential environmental and health consequences. The laboratory fabricated special bundles of reactor fuel rods to help to determine what happens to nuclear fuel rods during a reactor loss of coolant accident. PNL helped DOE to establish the first Atmospheric Radiation Measurement site to obtain data related to global environmental change. It prepared a unique booklet explaining potential radiation hazards to help the people of Enewetak Atoll to understand health risks of returning to their native islands, the site of many earlier open-air United States nuclear weapons tests. PNL used its own Grumman Gulfstream I aircraft to collect air samples of fallout from the 1986 Chernobyl nuclear reactor accident. The laboratory developed a process for encapsulating highly radioactive nuclear waste in vitrified glass and demonstrated the process on a pilot-plant scale employing spent fuel from a commercial power reactor. PNL also performed lead laboratory roles for DOE on the Aquifer Thermal Energy Storage Program, wind energy, nuclear waste materials characterization, and nuclear waste management.

By 1992 PNL employed more than 3,500 people, had an annual budget of over \$500 million, and supported energy, environmental, health, educational, and national security missions. It focused on scientific research and the rapid development and deployment of technology, with an emphasis on resolving environmental issues, such as waste remediation, and global environmental change. When appropriate, PNL also performed work for other federal agencies, such as the Department of Defense, the Nuclear Regulatory Commission, and the Environmental Protection Agency. In 1995 it was designated Pacific Northwest National Laboratory (PNNL).

**Inactive Records Produced by Pacific Northwest National Laboratory:** PNNL has custody of inactive records created by its own organizations and by General Electric. Like the Richland Operations Office, PNNL generally controls inactive records on the box level. PNNL, however, usually retains information about the collections of which records boxes are a part. The attached Records Input/Data Transfer forms are inventories of the folders which appear in records boxes. PNNL uses them as one means of controlling its inactive records. The forms also list the organization which retired the records and indicate the larger collections of which boxes are a part.

Originally some of PNNL's inactive records about site activities were classified. The Richland Operations Office has now declassified many of these older documents in response to litigation and other needs. It has placed many of these documents in its public reading room; thus, much of the contents of the boxes listed on the attached Records Input/Data Transfer forms may be available in the Richland public reading room. As soon as the documents are available, they are linked to the Hanford Home Page at <http://www.hanford.gov/doe/reading.htm>.

**Inactive Records Produced by Pacific Northwest National Laboratory—Selected Materials on the Effects of Plutonium Production:** The attached Records Transfer/Data Input forms list some of the most important records in the custody of the laboratory. They contain documents related to the environmental and health effects of plutonium production at Hanford. They also

contain key data for assessing the effects of plutonium production. The boxes and their highlights are as follows:

Box Numbers	Highlight
1. 113160	Study of Health Effects of Plutonium Production
2. 114671-74	Environmental Methods Manuals
3. 128023, 137756, and 139941	Hanford Radiation Protection Historical Files
4. 137766-81	Historical Data on Health and Environmental Effects

The box inventories may not reflect the present condition of these records.

**Arranging for Access to Inactive Records Produced by Pacific Northwest National Laboratory--Selected Materials on the Effects of Plutonium Production:** Access to unclassified portions of these materials can be arranged under provisions of the Freedom of Information Act (FOIA). An FOIA request may be submitted, or additional information about the records obtained, by contacting the Richland Operations Office FOIA officer at:

Freedom of Information Act Officer, A7-75  
U.S. Department of Energy  
P.O. Box 550  
Richland, WA 99352  
Phone: 509-376-6216.

Some of the records on the attached box inventories may have previously been made available at the DOE reading room in Richland. These records may be reviewed and duplicated at the reading room. There is a fee for duplication. The reading room can be reached at:

DOE Public Reading Room  
100 Sprout Road  
Richland, WA 99352  
Phone: 509-376-8583  
E-mail: Reading\_Room@pnl.gov

**RICHLAND OPERATIONS OFFICE**  
**RECORDS PRODUCED BY PACIFIC NORTHWEST NATIONAL LABORATORY**  
**SELECTED MATERIALS ON THE EFFECTS OF PLUTONIUM PRODUCTION**  
**BOX INVENTORIES**

21 2

Retiring Organization <b>Battelle Memorial Institute Pacific NW Labs</b>	Department <b>Office of Hanford Environment</b>	Custodian <b>W.L. Templeton</b>	Date <b>2/6/91</b>	May records be destroyed as scheduled without further concurrence? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
Unit <b>D7K30</b>	Location <b>ROB/1266</b>	Phone <b>375-3630</b>	Coordinate Disposal Approval with Other PL Contractors? <b>DOE</b> <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	

Box No.	DESCRIPTION OF RECORD Instruction: Type general description in capital letters and follow with detail description of contents. Also, please highlight or underline key words.	Classi- fication (U,O,C,S)	Inclusive Dates		Cubic Feet	Disposal Schedule	Retention (years)
			From	To			
113160 2522	<u>FAST FLUX TEST FACILITY ENVIRONMENTAL ASSESSMENT</u> Administrative files; Environmental Assessment draft documents; progress reports	U	1983	1988	1.0	DOE 14.6.A	Lifetime
	<u>HANFORD HEALTH EFFECTS STUDIES EIS*</u> Report to DOE; panel recommendations; draft report	U	1987	1988		DOE 14.6.A	Lifetime
	<u>WNP1 (WASHINGTON PUBLIC POWER SUPPLY SYSTEM NUCLEAR PROJECT I)</u> Institutional issues; Executive Summary; <u>Final Environmental Statement</u> ; Draft Feasibility Assessment <u>Impact</u>	U	1986	1988		DOE 14.6.A	Lifetime

\*Environmental Impact Statement

RECORDS TRANSFER/DATA INPUT	Transfer Requested By (Signature) <i>W Templeton</i>	Transfer Approved <i>B M Dunn</i> 2/7/91	Data Entry 5-8 <input type="checkbox"/> 5-10 <input type="checkbox"/> 5-9 <input type="checkbox"/> 5-11 <input type="checkbox"/>	Received by RHA <i>EAP</i>	Date Received <i>3/14/91</i>
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Retiring Organization <b>Battelle Memorial Institute, Pacific Northwest Laboratory</b>	Department <b>Analytical Laboratory Operation</b>	Custodian <b>J. L. Daniel - PR# 30108</b>	Date <b>04/30/91</b>	May records be destroyed as scheduled without further concurrence? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
	Unit <b>D7E16</b>	Location <b>325 Bldg. 300 Area/Room 15</b>	Phone <b>376-7069</b>	

Box No.	DESCRIPTION OF RECORD Instruction: Type general description in capital letters and follow with detail description of contents. Also, please highlight or underline key words.	Classi- fication (U.O.C.S)	Inclusive Dates		Cubic Feet	Disposal Schedule	Retention (years)
			From	To			
	<p>PROJECT NAME: HANFORD ENVIRONMENTAL METHODS MANUAL (HEAMM)</p> <p>PROJECT NUMBER: 16005</p> <p>PROJECT MANAGER: J. L. DANIEL, PR# 30108</p> <p>CLIENT'S NAME: WESTINGHOUSE HANFORD COMPANY</p> <p>HANFORD ENVIRONMENTAL METHODS MANUAL (HEAMM):</p>						
35/ 114671	DRAFT COPIES, REVISIONS, AND SUPPORTING DOCUMENTATION	Ø	02/89	04/90	1.0	DOE 1324.2	15 YEARS
35/ 114672	DRAFT COPIES, REVISIONS, AND SUPPORTING DOCUMENTATION	Ø	02/89	04/90	1.0	<sup>C19.38</sup> Retain Record	" "
35/ 114673	DRAFT COPIES, REVISIONS, AND SUPPORTING DOCUMENTATION	Ø	02/89	04/90	1.0	in office until	" "
35/ 114674	DRAFT COPIES, REVISIONS, AND SUPPORTING DOCUMENTATION	Ø	02/89	04/90	1.0	completion of project; send record copies to RECORD CENTER <sup>holding on</sup> if volume war- rants or at com- pletion of project. MANAGER APPROVAL REQUIRED BEFORE DESTRUCTION	" "
						N1-434-89-8.1B	

\* The N1-434-89-8.1B disposal authority is used by Records Management for records transfer purposes only. Continue to use the disposal schedule from your RIDS until further notice.

WP # <b>M63546</b>	Transfer Requested By (Signature) <i>J. L. Daniel</i>	Transfer Approved <i>D. Alama</i>	Date Entry 5 8 <input type="checkbox"/> 5 10 <input type="checkbox"/> 5 9 <input type="checkbox"/> 5 11 <input type="checkbox"/>	Received By RIA <i>P. Morrison</i>	Date Received <b>5-23-91</b>
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1. Company and Code Pacific Northwest Laboratory		2. Department and Code Health Physics		3. Custodian/Phone Schuette, PK/5-3685		4. Location of Records (Area-Bldg-Rm) 3000/ESB/33		5. Date 09/13/95	6. Page 1 of 5	
7. Retiring Unit and Code N/A		8. Manager/Phone Soldat, J-Retired		9. Org. Code D7A30		10. MSIN K3-70		11. May records be destroyed as scheduled without further concurrence? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
12. Box No.	13. Description of Record	14. Classification (C/S/U)	15. Inclusive Dates		16. Cubic Feet	17. Disposal Authority	18. Retention Period			
			From	To						
	<b>HANFORD HISTORICAL DATA-JOE SOLDAT COLLECTION</b>									
137766 1354	Aging Waste Facility - Safety Analysis Report Draft EA's Dose Calculations Percentage Accidents Misc. References 200 Area Waste Tanks Single Shell/Double Shell Tanks SRL, WIPP, Misc. Rad Safety Access Purex EIS, and work sheets	U	04/74	12/84	1.0	E0105F	100 Years			
137767 1363	WPPSS 60 Mile Land Use Census WPPSS 10 Mile Evacuation Time Assessment Study Nevada Sheep Dose Test Nancy Worksheets, Drafts Reports used in analysis Court Case BNWL-SA-4879 School Children Riverview Families	U	02/68	12/84	1.0	E0105F	100 Years			
137768 1374	Emergency Guidance-Federal, State and Local WNP-2 1988 Annual Report WNP-1 NPR Contingency Misc. historical data Dose Factors, 1977 Listing, 1975 Equations NUREG-1320 Nuclear Fuel Cycle Facility Accident Analysis Handbook	U	01/75	05/88	1.0	E0105F	100 Years			

RECORDS TRANSFER/ DATA INPUT	19. Transfer Requested By (Signature)	20. Records Management Approval	21. Data Entry	22. Received by RHA	23. Date Received
	Kim Schanke for PK Schuette	Kim Schanke 9/14/95	S-8 [ ] S-10 [ ] S-9 [ ] S-11 [ ]	P. Morrison	11-22-95

1. Company and Code Pacific Northwest Laboratory		2. Department and Code Health Physics		3. Custodian/Phone Schuette, PK/5-3685		4. Location of Records (Area-Bldg-Rm) 3000/ESB/33		5. Date 09/13/95		6. Page 2 of 5	
7. Retiring Unit and Code N/A		8. Manager/Phone Soldat, J-Retired		9. Org. Code D7A30		10. MSIN K3-70		11. May records be destroyed as scheduled without further concurrence? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
12. Box No.	13. Description of Record	14. Classification (C/S/U)	15. Inclusive Dates		16. Cubic Feet	17. Disposal Authority	18. Retention Period				
			From	To							
137769 1374	PFM/Purex/BA UCRL-50163, Predication of the Maximum dosage to man from the fallout of Nuclear devices. HEDL-TME-71-168 HERMES Standard Operating Procedures for Environmental Monitoring Slides Photos	U	01/57	06/94	1.0	E0105F	100 Years				
137770 1375	Misc. Reports Environmental Doses EFF Releases I-131 Release Limits Vegetation cover Old Releases data-HAPO Crittter Doses Biota doses EBASCO-lens of the eye. GI Tract FI equations Inhalation equations Ingestion/Internal Organs doses STD Children (MPCA)Pu fuels National Rad in Hanford Soil Old EIS Instructions 1950's Fallout Dosimetry for short-lived radioiodines Dose factors used at Hanford Old Timers (Strictly Private) Medical Exposures	U	03/58	12/92	1.0	E0105F	100 Years				

RECORDS TRANSFER/ DATA INPUT	19. Transfer Requested By (Signature) <i>K M Schanke for PK Schuette</i>	20. Records Management Approval <i>K M Schanke</i> 9/14/95	21. Data Entry S-8 <input type="checkbox"/> S-10 <input type="checkbox"/> S-9 <input type="checkbox"/> S-11 <input type="checkbox"/>	22. Received by RHA <i>P. Morrison</i>	23. Date Received 11-22-95
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1. Company and Code Pacific Northwest Laboratory		2. Department and Code Health Physics		3. Custodian/Phone Schuette, PK/5-3685		4. Location of Records (Area-Bldg-Rm) 3000/ESB/33		5. Date 09/13/95		6. Page 3 of 5	
7. Retiring Unit and Code N/A		8. Manager/Phone Soldat, J-Retired		9. Org. Code D7A30		10. MSIN K3-70		11. May records be destroyed as scheduled without further concurrence? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
12. Box No.	13. Description of Record	14. Classification (C/S/U)	15. Inclusive Dates		16. Cubic Feet	17. Disposal Authority	18. Retention Period				
			From	To							
137771 1376	Special Dose Summaries NTS Accidental Releases Comparative Risks Risk Perceptions Analysis-Communications Hazard Indices Uncertainties Analysis BEIR V review Discussions of Standards NRC-CRAC Related Reports	U	01/69	03/86	1.0	E0105F	100 Years				
137772 1379	Misc. Reports ORNL Reports on Dosimetry Dose Codes USA Dose Codes Japan/European Miscellaneous Technical Reports	U	12/84	03/94	1.0	E0105F	100 Years				
384 391 393 399	137773 13774 13775 13776	Miscellaneous Technical Reports	U	06/63	11/91	1.0	E0105F	100 Years			
		Miscellaneous Technical Reports	U	01/60	12/89	1.0	E0105F	100 Years			
		Miscellaneous Technical Reports	U	01/65	12/79	1.0	E0105F	100 Years			
		Miscellaneous Technical Reports	U	01/71	12/88	1.0	E0105F	100 Years			

RECORDS TRANSFER/ DATA INPUT	19. Transfer Requested By (Signature)	20. Records Management Approval	21. Data Entry	22. Received by RHA	23. Date Received
	KYM Schanke for PK Schuette	KYM Schanke 9/14/95	S-8 <input type="checkbox"/> S-10 <input type="checkbox"/> S-9 <input type="checkbox"/> S-11 <input type="checkbox"/>	P. Morrison	11-22-95

1. Company and Code Pacific Northwest Laboratory		2. Department and Code Health Physics		3. Custodian/Phone Schuette, PK/5-3685		4. Location of Records (Area-Bldg-Rm) 3000/ESB/33		5. Date 09/13/95		6. Page 4 of 5	
7. Retiring Unit and Code N/A		8. Manager/Phone Soldat, J-Retired		9. Org. Code D7A30		10. MSIN K3-70		11. May records be destroyed as scheduled without further concurrence? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
12. Box No.	13. Description of Record	14. Classification (C/S/U)	15. Inclusive Dates		16. Cubic Feet	17. Disposal Authority	18. Retention Period				
			From	To							
137777 ✓ 1401	EPA Reports Environmental Radiation 40 CFR's TRV Guidance Presidential Rally-1987 Wa. State WAC Air PRESTO-II EPA RAE-48-1 PRESTO-DEEP EPA Environ. Evaluation of U-Fuel Cycle-4 Volumes and Supplementals Emergency Guidance "Met and Atomic Energy" 10 CFR 20, 1991, NRC Emergency Radiological Plans and Procedures Monitoring Methods for Determining Compliance with Decommissioning Cleanup Criteria at Uranium Recovery Sites. A State's Perspective on Decommissioning NRC Proposed Rule on Radiological Criteria for Decommissioning	U	01/86	12/91	1.0	E0105F	100 Years				
137778 ✓ 1402	HEIS Draft ERDA-1538 Comments and Interrogatories HEIS ERDA-1538 Source Terms and Worksheets HEIS Final ERDA-1538 Plus Miscellaneous Related Reports	U	01/73	12/80	1.0	E0105F	100 Years				
137779 ✓ 1402	Conversary, 11 tables Test Records & Certification TEC 6.0 File 1 Test Records & Certification TEC 6.0 File 2 DOE Orders/AEC & ERDA DOE Orders - 5000 Series Monthly Reports 1950-1953 Monthly Reports 1989-1991	U	08/50	12/92	1.0	E0105F	100 Years				
402 137780 ✓	Monthly Reports - Biophysics Control Laboratory	U	01/54	12/86	1.0	E0105F	100 Years				

RECORDS TRANSFER/ DATA INPUT	19. Transfer Requested By (Signature)	20. Records Management Approval	21. Data Entry		22. Received by RHA	23. Date Received
	<i>KYM Schanke for PK Schuette</i>	<i>KYM Schanke</i>	<i>9/14/95</i>	S-8 <input type="checkbox"/> S-10 <input type="checkbox"/> S-9 <input type="checkbox"/> S-11 <input type="checkbox"/>	<i>P. Morrison</i>	<i>11-22-95</i>

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7. Retiring Unit and Code N/A		8. Manager/Phone Soldat, J-Retired		9. Org. Code D7A30		10. MSIN K3-70		11. May records be destroyed as scheduled without further concurrence? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
12. Box No.	13. Description of Record	14. Classification (C/S/U)	15. Inclusive Dates		16. Cubic Feet	17. Disposal Authority	18. Retention Period				
			From	To							
137781 1884	Monthly Reports - Biophysics Control Laboratory Letterbooks 1992-94 Notebooks (2) 1. Air Sampling Study 10/60-02/61 2. R.F. Foster's Notebook 01/72-12/72	U	10/60	12/94	.55	DOE 0105F	100 Years				

RECORDS TRANSFER/ DATA INPUT	19. Transfer Requested By (Signature) <i>KYM Schanke for PK Schuette</i>	20. Records Management Approval <i>9/14/95 KYM Schanke</i>	21. Data Entry S-8 <input type="checkbox"/> S-10 <input type="checkbox"/> S-9 <input type="checkbox"/> S-11 <input type="checkbox"/>	22. Received by RHA <i>P. Manion</i>	23. Date Received <i>11-22-95</i>
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