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ADDRESSED TO— W.J. Williams USAF, Wash, D.C.	POSTAL REGISTRY NO. Us 1761	
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AIR MAIL

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TO: Walter J. Williams, USAEC, Washington, D. C.
FROM: Fred C. Schlemmer, Manager, Hanford Operations
Office, Richland, Washington

June 10, 1949

EVENTS OF IMPORTANCE FOR WEEK ENDING JUNE 8, 1949

SYMBOL: ICH:RWR

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Enclosed is subject report for week ending June 8, 1949.

Fred C. Schlemmer

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AIR MAIL

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This document consists of 4
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Series "A"

EVENTS OF IMPORTANCE FOR WEEK ENDING JUNE 8, 1949

Hanford Operations Office
Richland, Washington

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I - ADMINISTRATION:

No significant events to report.

II - OPERATIONS:

Redox:

Mr. George White, Jr., and five engineers from Kellex arrived in Richland this week to assist General Electric personnel in re-scoping the dual-purpose Redox plant.

General Electric Company decided to postpone the inclusion of aluminum nitrate recovery facilities in the Redox Production Plant. An anticipated three month delay was thereby eliminated.

Increased Power Level:

The D Pile operating level is scheduled to be increased by an additional 15 MW on or about June 20 in accordance with higher operating level program.

III - CONSTRUCTION:

Process Areas:

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100 (Pile) Areas:

100-H - The installation and replacement of the process tubes in the 105-H Building is now 99% complete; Van Stone flanging of the tubes is 75% complete. Top laminations are now 25% complete with five (5) to seven (7) layers in various cells. Horizontal rod thimbles are installed, and three (3) have been found to leak on testing; these will be replaced. The storage basin leaked three inches over the week end, and the leak is believed to be in the transfer pit area which can be isolated from the storage area. All bad floor slabs in the 107-DR retention basin have been replaced; the washout under the center wall has not yet been repaired. The total 100-H Area is estimated to be 85% complete, and the 105-H Building is now 77% complete.

1708-3-4-29

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P-10-A - This project is considered 60% complete, and the facility is scheduled to start operations July 1, 1949

100 Areas, General - The Experimental Animal Farm at 100-F is 0.5% complete. Design work in the 100-F Biology Laboratory is proceeding, and work on the design criteria and specification writing for the production of Rala is continuing. Design progress on "G" Area is 4% complete and is scheduled for completion by December 31, 1949.

200 (Separation) Areas:

234-5 - The process and recovery areas have been transferred to General Electric; piping in the refrigeration room is to be completed this week; and balancing of the ventilation system is on a 24-hour schedule.

Waste Storage:

241-TX - The cathodic protection installation for this project is 50% complete and should be completed this week except for connections.

241-BY - The second and third tanks have been given final inspection with one requiring additional cleaning. Backfill is 65% complete, and the total project is 92% complete.

Redox:

The Kellex Company is preparing a review of the Redox "R" and "S" costs wherein work of a development character charged to the Test Plant will be reflected in the Production Plant design. The report is promised by June 17, 1949.

Redox scope engineering is proceeding according to plan, and six (6) Kellex engineers, who are to assist General Electric in their scope engineering efforts, were given the basic plan of action on June 7.

Present planning calls for the Redox Laboratory plans and specifications to be in proper form for lump-sum bidding by November 1, 1949. Although behind schedule at this time, the architect-engineer, J. Gordon Turnbull, has stated that as soon as the Technical Center Area project proposal has been completed he will place his entire staff on the Redox Laboratory design to bring it back on schedule.

300 (Metal Fabrication) Areas:

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Process Development Laboratory, Building 3732 - This project is 56% complete; the building is 88% complete architecturally, and some equipment is being installed.

Rehabilitation, Building 321 - Excavation has commenced for the new west side equipment room; the project is 58% complete.

Sanitary Sewer Expansion - Design and specifications are in process based upon a 16-foot Dorr Clarigester and a 24-foot biofilter sewage treatment system.

Process Areas, General:

Water Plant - A report on this project has been made by the architect-engineer, Giffels and Vallet, to General Electric and to the Commission. Expenditures by Giffels and Vallet are not to exceed \$83,500.

Richland Village:

1,000 House Area - General Electric anticipates acceptance this week of the telephone work in this area by the H. P. Foley Company.

Street Improvement - Bids were opened June 8 on this project, and included in the contract were provisions for the improvement of Lee Blvd. from Bellisian Way to Wright Avenue.

Schools - Construction work on the Junior High School is now complete except for five (5) items of undelivered shop equipment and the erection of handrails. The latter is delayed because of a labor craft jurisdiction dispute.

Sewage Disposal Plant - A general inspection and acceptance of the Village sewage plant addition, with the exception of the digesters, was made June 3. Repair to the primary digester is expected to be complete within the week; holes were drilled in the floor and grouting accomplished from the outer periphery to the center to obtain a good seal; walls and the inside of the dome have been painted. The secondary digester will be acceptable after painting of the outside of the dome.

Flood Protection and Highway Access Facilities - The finished report by J. Gordon Turnbull on these features of the project has been submitted.

Personnel:

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There are approximately 304 architect-engineer (less Turnbull) and 5,610 construction employees on the pay roll. Construction camp population is 6,074.

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IV - VISITORS:

Mr. W. A. McCutcheon, Motor Equipment Specialist, Bureau of Budget, Executive Office of the President, visited the project during the week in connection with use and maintenance of motor vehicle equipment, airplanes, marine craft, and railroad equipment.

Mr. W. L. Worden, Representative of the Saturday Evening Post, from Tacoma, visited the project June 2 to gather background material for a possible future article on Richland.

Col. Fred R. Henderson, Sixth Army, and Messrs. D. M. Pelton, A. C. J. Dippert, and D. H. Donaldson, District Engineer's Office, Corps of Engineers, Seattle, Washington, visited the project June 2-6 to discuss a permanent army installation.

Messrs. H. L. Drake, Sam Guess, R. R. Garnett, J. W. Harrop, all of the Corps of Engineers, Walla, Walla, Washington, visited for a discussion of Levee 2-C and of housing facilities and office space for key personnel for the construction of this levee.

Dr. Orlin Biddulph and Dr. Noe Higinbotham, of Washington State College, Pullman, Washington, visited Richland June 2-3 to investigate radioautograph techniques and to investigate laboratory waste disposal.

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Fred C Schlemmer

END

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