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FROM- Fred C. Schlemmer
USAFEC, Richland, Wash

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ADDRESSED TO— W. J. Williams
USAFC, ~~XXXX~~ Wash, D.C.

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TO: Walter J. Williams, USAEC, Washington, D. C.

May 6, 1949

FROM: Fred C. Schlemmer, Manager, Hanford Operations
Office, Richland, Washington

EVENTS OF IMPORTANCE FOR WEEK ENDING MAY 4, 1949

SYMBOL: ICH:RWR

Enclosed is subject report for week ending May 4, 1949.

Fred C. Schlemmer

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EVENTS OF IMPORTANCE FOR WEEK ENDING MAY 4, 1949

Hanford Operations Office
Richland, Washington

247:5

I - ADMINISTRATION:

No significant events to report.

II - OPERATIONS:

Operating Piles:

The three operating piles were shutdown May 4 to tie-in H Pile to the electric power system.

The F Pile will be shut down a total of three days this week for the above tie-in, and to replace the neoprene seal and a vertical rod thimble.

Redox:

By letter dated May 2 the Hanford Operations Office authorized the General Electric Company to proceed with the design of Redox facilities on the following basis:

1. The plant design will provide for processing current and stored uranium.
2. The total uranium capacity will be five tons per day, including up to $1\frac{1}{2}$ tons per day of stored uranium.
3. The total plutonium capacity will be $3\frac{1}{2}$ times the goal from January to July of 1948.

III - CONSTRUCTION:

Process Areas:

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100 (Pile) Areas:

100-H - This project is now 75% complete and the 105H building is 64% complete. Preparations are being made to pack the pile and this work will be carried forward on a three-shift basis. 1150 tubes have been tested to date.

100 Areas, General - The 108F Biology Building is 40% complete. Repairs to the 107DR retention basin are continuing. Activity on the 105B, D, and F segmental discharge units is being held up pending further developments. Vertical rod replacement in 105 B, D, F

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is 61% complete.

P-10-A - This project is 25% complete. Work in progress includes vacuum pump installation, placing of steel floors and installation of steam lines.

200 (Separation) Areas:

234-5 - Phase I of this project is 99.5% complete and the 234-5 building is 99.4% complete. The process area has been taken over by Operations and incomplete work is to be finished by Operation forces. The refrigeration room will not be finished before May 20 because of a lack of some valves and switches. Balancing of the ventilating system will be delayed until the building has been thoroughly cleaned.

Waste Storage - The 241BY tank farm is now 72.5% complete. Four domes have been poured, re-steel is 50% complete for the fifth tank and backfill is 26% complete.

Richland Village:

Street Repair - Patching and seal coating of village streets was resumed May 2. Stevens Drive and Williams Blvd are the first streets to be repaired.

Sewage Disposal Plant - The primary digester at the sewage treatment plant addition has been under test and repair for the past two weeks. Considerable difficulty is being experienced in locating the source of the leak. The secondary digester has been resealed and testing has again been started.

Yakima River Bridge - All piling for the Bailey Bridge supports have been driven and cutting and capping is underway. Preparation for bridge launching is 65% complete.

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River Levees - The Corps of Engineers indicates that construction of the permanent levees for Richland is scheduled to start about July 15, 1949. Borrow areas are to be selected soon.

Water Supply - The river pump at the Newport, Kern and Kibbe reservoir has run continuously for several days and water depth in the pit has reached 15 to 18 feet. No test of the wells has been made.

Telephone Project - The Richland Automatic Dial Telephone System is 81% complete and work is being concentrated on the exchange system.

Personnel - There are approximately 495 architect-engineer (less Turnbull) and 8,095 construction employees on the payroll. Construction camp population is 7,673 and there are 534 vacant trailer spaces.

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IV - VISITORS:

Major General Harry Collins, Commanding General Second Infantry Division, visited the project in connection with defense measures.

Mr. F. J. Sharkey, Office Engineer and Mr. Robert E. Garen, Town Manager, for the Bureau of Reclamation at Coulee Dam, Washington, visited to discuss formation of a town council and preparation of commercial facility leases at Coulee Dam.

Mr. Emil Jensen and Mr. W. L. Bow of the Bureau of Washington State Board of Health and Mr. W. W. Burgeson of the Washington State Stream Pollution Control Commission visited to discuss methods by which they can carry out their responsibilities more competently with respect to down-stream municipal water supplies by learning more about Columbia River contamination.

Col. L. K. Ladue, Lt. Colonels J. P. Dawley, J. G. McDonald, L. S. Stranathan; B. J. Hirshorn, and Major M. N. Stanford of the AFTSP visited for orientation purposes.

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Fred B. Schlemmer

END

**DATE
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10 / 15 / 93