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David F. Shaw, Deputy Manager
Richland, Washington

DATE _____

June 24, 1949

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Walter J. Williams
Washington, D. C.

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AIR MAIL

20821

TO: Walter J. Williams, USAEC, Washington, D. C.
FROM: David F. Shaw, Deputy Manager, Hanford Operations
Office, Richland, Washington

June 24, 1949

EVENTS OF IMPORTANCE FOR WEEK ENDING JUNE 22, 1949

SYMBOL: ICH:RWR

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Enclosed is subject report for week ending June 22, 1949.

David F. Shaw

Encl: Copies #1 thru #16

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AIR MAIL

EVENTS OF IMPORTANCE FOR WEEK ENDING JUNE 22, 1949

Hanford Operations Office
Richland, Washington

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I - ADMINISTRATION:

No significant events to report.

II - OPERATIONS:

100 Areas:

D Pile has been operating satisfactorily at 305 MW since June 6. It is planned to continue to operate at this level for two months to allow sufficient time for adequate evaluation.

During an unexpected scram on June 18 at F Area, four (4) new safety rods of the flexible knuckle type were activated. They functioned satisfactorily.

8.5 tons of alpha-rolled, triple-dip, completely transformed slugs were pushed without difficulty in B Area on June 21, after exposure to 389 MWD/ST.

234-5:

Balancing of the air conditioning system will delay the introduction of active material into the 234-5 process lines beyond June 27, date estimated by General Electric. The rubber-glove line itself is in the process of being tested and with minor exceptions appears to be satisfactory. It will be operable by June 27.

III - CONSTRUCTION:

Process Areas:

100 (Pile) Areas:

100-H - Caulking compound is now available for the completion of the 107-H retention basin. A steamfitters strike is still delaying completion of boilers #3 and #4 in the 184 Building. The 100-H Area is estimated to be 88% complete, and the 105-H Building is estimated to be 81% complete.

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100-DR - Sufficient caulking compound is on hand to complete 107-DR retention basin.

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P-10-A - This project is 66% complete.

200 (Separation) Areas:

234-5 - Testing of the freon lines in the refrigeration system has been completed, and preparations are being made to place the system in service by June 23. The ventilating system has been balanced as to distribution, but fluctuation in pressure is under investigation.

Waste Storage - Final inspection of the 241-BY project has been requested by the subcontractor for June 22.

Rala - Design criteria and specification writing on this project is continuing. \$10,000 additional funds (total \$35,000) has been requested for this work.

Redox - A guide entitled "Outline for a Relationship Procedure Between the Architect-Engineer and the General Electric Design Division" has been prepared by the Redox committee. This committee is of the opinion that two to three months will be required to firm up the entire Redox program, including all the development work required for preparing new engineering and instrument flow diagrams. Current progress indicates that expediting the completion of scope drawings will be necessary to permit Kellex to undertake design by October 1, 1949.

300 (Metal Fabrication) Areas:

321 Building - The rehabilitation of this building is now 58% complete.

300 Area Additional Services - This project is 95.5% complete. The coal conveyor system is ready for operation, and the entire project should be complete by the middle of July, 1949.

Process Areas, General:

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Analytical and Plant Assistance Laboratory - Design on this project is approximately 30% complete with work expected to be complete by October 31, 1949. A design contract for \$182,000 with the J. Gordon Turnbull Company is in the process of being approved by the Commission.

Health Instrument Control and Development Laboratory - Outline plans and specifications are complete and ready for submittal to the Commission this week, with complete drawings and specifications scheduled for completion on or before September 16, 1949. A \$50,000 contract for design by the J. Gordon Turnbull Company is pending approval by the Commission.

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New Technical Center - Rescoping and re-estimating of this project is 26% complete, with presently authorized work expected to be finished by July 15, 1949.

Plant Railroad - The Morrison-Knudsen rehabilitation contract is complete, and General Electric forces are taking over regular maintenance work for the entire system.

Experimental Animal Farm - This project is 5% complete.

Richland Village:

Southern Railroad Connection - Bids for the construction work on this project were opened June 22; however, no announcements have been made regarding the results.

Aerial Survey, Richland Village - Bids on this project were opened June 17 and ranged from \$14,208 to \$30,600; the engineer estimate had been \$40,000. Award of bid has not been announced. The Abram's Aerial Survey of Lansing, Michigan, is apparently the low bidder.

Personnel:

There are approximately 274 architect-engineer (less Turnbull) and 4,990 construction employees on the pay roll. Construction camp population is 5,486 persons.

IV - VISITORS:

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Mr. Henry F. Alves, Counsel, U. S. Office of Education, and Mr. E. S. Lindman, Assistant Superintendent of Public Instruction, State of Washington, visited the project during the week for the purpose of a review of AEC payment for off-project school construction.

**DATE
FILMED**

10 / 20 / 93

END