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Fred C. Schlemmer

Enclosed is subject report for week ending September 7, 1949.

SYMBOL: ICH:RWR

EVENTS OF IMPORTANCE FOR WEEK ENDING SEPTEMBER 7, 1949

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

TO: Walter J. Williams, USAEC, Washington, D.C.
September 9, 1949

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Series "A".

EVENTS OF IMPORTANCE FOR WEEK ENDING SEPTEMBER 7, 1949

Hanford Operations Office
Richland, Washington

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I. - ADMINISTRATION:

No significant events to report.

II. - OPERATIONS:

No significant events to report.

III. - CONSTRUCTION:

Process Areas:

100 (Pile) Areas:

100-H - It is expected that the Manufacturing Division will take over the 100-H Area about September 16, 1949. Testing is still underway in the 105-H Building, and electrical work is 98% complete. Probable exceptions at time of transfer of the 105-H Building will be the rear face lights (new gaskets), pressure monitoring gauges, regulated voltage supply, and the vertical rod control.

200 (Separation) Areas:

Redox - The Redox Committee will now become the Separations Committee with responsibility for the Redox, Rala, and 234-5 programs.

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Comments are being received on the 24 engineering flow diagram sheets for the Redox dual-purpose plants which have been issued, on the 6 diagrams covering the First Cycle, and on the diagrams for the Second and Third U Cycles; organic recovery flow diagrams will be reissued September 7; the remaining drawings should be reissued September 9. The instrument diagrams are being revised to conform to revisions being made on the engineering flow diagrams. Process equipment arrangement drawings for the Canyon portion were issued for comment September 2; comments are due September 16, and approval is scheduled for September 23. The goal for the completion of the design of waste disposal facilities is September 30. General Electric submitted for AEC review their recommended overall schedule and estimated manpower requirements August 29, 1949.

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Page #1

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Redox Analytical and Plant Assistance Laboratory:

Design of this laboratory is estimated to be 48% complete with working drawings approximately 62% complete, specifications 30% complete, and estimating, requisitioning, etc. 14% complete. The architect engineer (Turnbull) will submit revised outline drawings and a cost estimate to General Electric for expected submittal to AEC next week. The revised design and construction schedule is expected by September 30, 1949.

400 (Technical Center) Area:

Technical Center - A review is being made by General Electric and AEC of a proposed study by Turnbull to determine the advisability, cost-wise and operation-wise, of a 300 Area site for the Technical center. General Electric has voiced an objection to the 300 Area site on the basis that the McNary Dam maximum flood stage water level of 371 feet at the site would raise the water table to a point of possible interference with the structures.

Health Instrument Control and Development Laboratory - Outline plans and specifications for this laboratory are being reviewed. The plans as submitted are very sketchy and no drawings were submitted showing the outline for mechanical work; General Electric will be asked to submit additional drawings. Estimated completion of design remains at 18% and completion is expected about November 15, 1949.

Hanford Works, General:

Southern Railroad Connection - Work on this project is estimated to be 3% complete. Grading is continuing south of the irrigation ditch and laying of the 48" equalization pipe is underway.

Richland Paving and Related Work - Actual progress on this work by Terteling is estimated to be 22% as compared to the scheduled completion of 49%. The North Commercial area is 22 days behind despite a concentration of effort in that area; work is 27% complete with sidewalk, curb, gutter, grading work, and base course started.

Housing - The telephone transmission line work in the Area "F" housing area (Ranch type homes) is estimated to be 71% complete.

Personnel:

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There are approximately 348 architect-engineer (less Turnbull) and 2690 construction employees on the payroll. Construction camp population is 3519 and there are 815 trailer spaces occupied.

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IV. - VISITORS:

Dr. James B. Conant, President of Harvard University, visited the project September 6 to make a tour of the plant facilities.

Mr. J. P. Jolliff, Mr. S. E. Schultz and Mr. D. L. Marlett, Representatives of the Bonneville Power Administration, visited the project September 1, to discuss certain operational aspects of the Hanford electric power supply.

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Fred C. Pickens

DATE

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9/23/94

END