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AIR MAIL

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

May 13, 1949

EVENTS OF IMPORTANCE FOR WEEK ENDING MAY 11, 1949

DECLASSIFIED

SYMBOL: ICH:RWR

Enclosed is subject report for week ending May 11, 1949.

DOE ARCHIVES

Fred C. Schlemmer

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AIR MAIL

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Series "A"

EVENTS OF IMPORTANCE FOR WEEK ENDING MAY 11, 1949

Hanford Operations Office
Richland, Washington

24917

DECLASSIFIED

I - ADMINISTRATION:

No significant events to report.

II - OPERATIONS:

105-DR Pile:

Last week one pane of glass in the large viewing window in DR Pile broke when the window was filled with water. Examination of the water lines indicated that the exit line had a constriction in it apparently as a result of a welding mistake. The window broke as a result of the pressure built up by inability of the water to flow out of the chamber.

Stuck Slug:

During the scheduled shutdown at F Pile on May 4, one tube was stuck. Examination of the alpha-rolled, triple-dipped, incompletely transformed metal exposed to the 320 level revealed one slug which was badly warped. Startup of operation was made as scheduled.

Stack Gas Problem:

The General Electric Company has submitted a project proposal covering the construction of dissolver off-gas filtration facilities for the T and B Canyon Buildings. The filter medium is to be fiber-glass.

III - CONSTRUCTION:

Process Areas:

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100 (Pile) Areas:

100-H - The 100-H Area is now 76% complete, and the 105-H Building is 65% complete. The graphite packing of 105-H was commenced May 6, and 15 layers were in place by May 9; packing should be completed on or about May 20. Joint treatment in the 107-H retention basin is being replaced to assure nonleakage. Work on the 1717 Building (combined shops) has been stopped pending possible reduction in size.

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P-10-A - This project is now estimated at 30% complete. 108-B installations are progressing, and the permanent exclusion fence has been tied in with the 105-B Area.

Pile Areas, General - The vertical rod replacement program in the 105-B, D, and F Buildings is now 62% complete. The segmental discharge units in the afore-mentioned buildings were completed. Repairs to the 107-DR retention basin are still in progress.

200 (Separation) Areas:

234-5 - Phase I of this project is now 99.6% complete, and it is expected that the recovery area can be turned over to General Electric Operations by May 13. A large crew is working toward completion of the inspection check list.

Waste Storage - The 241-BY tank farm is now 76.2% complete. Six domes have been poured; two have been stripped; and installation of flashing and lapidolith finish on the interior of the first dome has been started.

Process Areas, General:

The rehabilitation of the plant railroad is approximately 84.5% complete. The overall plant telephone project is 78.5% complete. The Health Instrument Division has been directed to coordinate the construction and purchase of 274 Operational Division survey instruments.

Richland Village:

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Village Streets - Patching and seal coating of Village streets are complete except for ten-day maintenance; final inspection is scheduled for May 13.

North Reservoir - The present work on the North Storage Reservoir roof replacement is complete except for fencing the open reservoir.

Central Commercial Area - Cleanup in the central commercial area is being completed. One new facility was opened to the public May 10. Work was commenced on another new building in the area; however, this building is being held up as a result of a carpenters strike.

Sewage Disposal Plant - Grading at the sewage treatment plant is 75% complete; all temporary buildings have been removed and the area smoothed. Both the primary and secondary digesters leak substantially; the second sealing has been of practically no value. Voids under the digester floors caused by leakage are to be filled with grout.

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Southern Railroad Connection - The project proposal for the railroad connection should be submitted to AEC for approval this week. Public announcement for bids was made May 6, 1949, and plans and specifications will be available for distribution to interested contractors May 16. Bid openings are expected to be held June 16, 1949.

Yakima River Bridge - Pilings and dolphins for the Bailey Bridge supports are complete, and transitions are reported 90% complete. Assembly of the bridge units was started May 10.

Telephone Project - This project is 82% complete, and routine cabling and testing work continues. Toll board equipment has been placed.

115 KV Line - This project is 73% complete overall. Negotiations are proceeding with the Scott-Buttner Company to remobilize and complete the work on the line.

Personnel:

There are approximately 454 architect-engineer (less Turnbull) and 7,738 construction employees on the pay roll. Construction camp population is 7,396, and there are 589 trailer spaces available for assignment.

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IV - VISITORS:

Mr. H. L. Drake and Mr. C. W. Waggoner, of the Walla Walla District, Corps of Engineers, were here May 5, making arrangements for survey parties to do topographic mapping.

Mr. P. B. Ekstrom, of the Walla Walla District, Corps of Engineers, was here on May 9 to discuss the exact location of "borrow pits" to be developed by the Corps of Engineers for material to be used in the permanent levees.

Messrs. J. F. Grafton, D. M. Pelton, R. F. Bracelin, R. V. Weaver, and H. C. Skow, of the Corps of Engineers, were here May 9 to observe Richland housing in connection with plans for housing personnel at their various projects.

Mr. J. T. Branaby and Mr. S. H. Bair, of Fish and Wildlife Commission, Seattle, Washington, were here May 11 to discuss the design of fish fumes at the area pumphouse and intake structures.

Mr. R. E. Schreiber and Mr. V. Josephson, staff members of the University of California at Los Alamos Scientific Laboratory, are visiting Richland May 9 through May 12 to discuss problems of mutual interest.

END

**DATE
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10/14/93