



Department of Energy

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AUG 9 1991

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Gentlemen:

HANFORD FEDERAL FACILITY AGREEMENT AND CONSENT ORDER CHANGE FORM M-17-90-6
PROJECT 90L-GFB-503, "DECONTAMINATION LAUNDRY FACILITY"

Attached for your approval is Hanford Federal Facility Agreement and Consent Order (Tri-Party Agreement) Change Form (CF) M-17-90-6, "Project B-503, 200E Laundry."

Project B-503 has experienced a delay in completing Definitive Design and construction. This delay is attributed to several factors which include the length of time needed to successfully negotiate a Definitive Design contract. Further complicating the schedule is the imposition of new regulatory requirements on the project. These new regulatory requirements were imposed subsequent to the start of Definitive Design. These requirements include new Ground Water Quality Criteria adopted by Washington State, Special Facility and Non-Reactor Nuclear Facility Criteria, and Personnel Radiological Protection Criteria. The adoption of the new Ground Water Quality Criteria was the most significant contributor to the schedule delay encountered. These criteria necessitated an update of the existing Best Available Technology Analysis and field treatability testing along with laboratory analysis of the laundry wastewater.

The delays encountered in completing the target date associated with this milestone will not impact the completion of any major or interim Tri-Party Agreement milestones.

Sincerely,



John P. Murphy
R. R. Tibbatts, Acting Director
Site Infrastructure Division

SID:NGT

Attachment

cc w/atth:
T. B. Veneziano, WHC
P. T. Day, EPA
T. L. Nord, Ecology



Change Number M-17-90-6	FEDERAL FACILITY AGREEMENT AND CONSENT ORDER CHANGE CONTROL FORM <small>Do not use blue ink. Type, or print using black ink.</small>	Date July 3, 1991
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Originator R. M. Yanocho	Phone 376-2523
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Class of Change <input type="checkbox"/> I - Signatories (Section 130) <input type="checkbox"/> II - Project Manager <input checked="" type="checkbox"/> III - Unit Manager		
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Change Title Project B-503, "200E Laundry"

Description/Justification of Change This change affects TPA target dates which support Major Milestone M-17-00. 1. Revise "Start Definitive Design" from the first quarter of 1990 (3/90) to the second quarter of 1990 (6/90). Revise "Complete Definitive Design" from the second quarter of 1991 (5/91) to the first quarter of 1992 (3-92). This change is a result of the time necessary to successfully negotiate a contract with the offsite Architect/Engineer (A/E). Difficulty in awarding the contract is attributed to the time necessary for the A/E to fully evaluated the scope of work. The cost proposal submitted by the selected A/E exceeded the conceptual cost estimate for this work. This resulted in an unscheduled clarification meeting to review the cost proposal and associated scope of work. Subsequently, the A/E prepared and submitted a second cost proposal. This resulted in a second negotiation meeting. Further complicating the schedule was the imposition of new regulatory requirements since the initiation of Definitive Design. These regulatory requirements are associated with newly adopted <div style="text-align: right;">(Continued on Page 2)</div>
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Impact of Change There is no effect on Milestone M-17-00.

Affected Documents Hanford Federal Facility Agreement and Consent Order, Figure D-1, "Action Plan Work Schedule."

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Approvals	_____ Approved _____ Disapproved												
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EPA	_____	Date _____											
Ecology	_____	Date _____											

Description/Justification of Change (continued)

1. (continued)
Ground Water Quality Criteria by Washington State, Special Facility and Nonreactor Nuclear Facility Criteria, and Personnel Radiological Protection Criteria. Adoption of the new Ground Water Quality Criteria is the primary contributor to the scheduling delay. This new criteria required revision of the Best Available Technology Analysis and necessitated onsite treatability testing of wastewater.
2. Revise "Start Construction" from the third quarter of 1991 (7/91) to the third quarter of 1992 (7/92). Revise "Complete Construction" from the second quarter of 1993 (6/93) to the first quarter of 1994 (1/94). This change reflects a change in the need for long lead government-furnished equipment. This design is underway. The need for long lead equipment procurement, established from design activities, has been determined to be unnecessary.

Procuring long lead equipment (washers and dryers) occurs prior to the actual start of construction by a Fixed-Price (FP) contractor. This early start is to ensure equipment will be available for the FP contractor installation schedule. The A/E has determined, in the course of their work, that a special long lead equipment procurement was not necessary. The construction schedule was sufficiently long enough such that the FP contractor could procure these items. Therefore, the start of construction, assumed to be at the start of long lead equipment procurement, could be revised to reflect the actual start of the FP construction contract.

The revised "Start Construction" and "Construction Completion" dates are also the result of the new regulatory requirements being imposed upon the project. These are detailed in Item #1 above.

CORRESPONDENCE DISTRIBUTION COVERSHEET

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Subject: HANFORD FEDERAL FACILITY AGREEMENT AND CONSENT ORDER CHANGE FROM M-17-90-6 PROJECT 90L-GFB-503, "DECONTAMINATION LAUNDRY FACILITY"

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