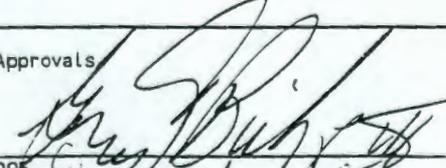
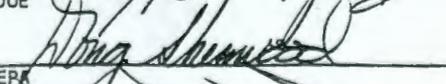
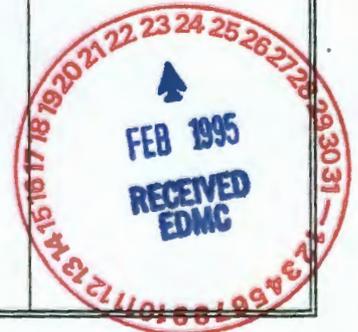


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|--|---|---|
| Change Number<br>M-41-95-01  | <b>Federal Facility Agreement and Consent Order<br/>Change Control Form</b><br><small>Do not use blue ink. Type or print using black ink.</small> | Date<br>2/16/95   |
| Originator<br>T.E. Rainey/ G. E. Bishop  | Phone<br>509-373-3531/509-372-1856  |   |
| Class of Change<br><input type="checkbox"/> I - Signatories <input type="checkbox"/> II - Project Manager <input checked="" type="checkbox"/> III - Unit Manager   |   |   |
| Change Title<br>Target Milestone M-41-01-T02, Modification in Completion Date  |   |   |
| Description/Justification of Change<br>Change date for completion of Milestone M-41-01-T02, "Complete Interim Stabilization of 5 Single-Shell Tanks", from 12/31/94 to 11/30/95.<br><br>The pumping of five (5) single-shell tanks (SST) started on schedule with the completion of targets M-41-01-T01 and M-41-01-T02, but several factors have delayed the completion of pumping and Milestone M-41-01-T02. These factors are: <ul style="list-style-type: none"><li>• The estimated volumes of liquid to be pumped from SSTs 241-BY-102 and 241-BY-109 have increased by factors of 2.1 (24,000 gallons) and 1.4 (21,000 gallons), respectively.</li><li>• Several equipment failures have delayed pumping. These failures include:<br/>1) Pump failure on SST 241-BY-109; 2) Pressure switch failure on SST 241-BY-109; 3) Power outage in 241-BY tank farm; and 4) Transfer route leak in the 241-AY-101 sluice pit.</li></ul> (Continued p.2) |   |   |
| Impact of Change<br><br>This change request will modify the date of target milestone M-41-01-T02. There will be no impact to the major milestone M-41-00. Also, no impact is anticipated to other fiscal year 1995 interim stabilization work.   |   |   |
| Affected Documents<br><br>Hanford Federal Facility Agreement and Consent Order Action Plan, Appendix D.  |   |   |
| Approvals  |   |   |
| <br>DOE   | 2/17/95<br>Date   | <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Disapproved |
| <br>EPA   | 2/17/95<br>Date   | <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Disapproved |
| <br>Ecology   | 2/17/95<br>Date   | <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Disapproved |



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Description/Justification (cont.)

- The pumping of SST 241-BY-109 was halted for six weeks because of safety concern due to a high organic content in a vapor sample of 241-BY-108 (SST 241-BY-108 is connected to 241-BY-109 through a cascade). Pumping was on hold until a vapor sample from 241-BY-109 could be taken and analyzed to determine there was no organic concern with the tank.
- The pumping rate (gpm) from tank 241-BY-109 has been less than estimated. Pumping rate is dependent on the physical characteristics of the waste in the tank, and can only be estimated before the start of pumping.
- Delays were experienced while conducting reviews to validate that transfer procedures were in compliance with Operational Safety Requirements/Operating Safety Documents, and to conduct mock-up training to upgrade radiological work practices following non-related radioactive spills in the tank farms.

The combination of delays, more liquid than estimated and slower pumping rate has increased the estimated pumping duration of SST 241-BY-109 by twelve months. The completion of interim stabilization of 241-BY-109 is expected to extend to November, 1995. This tank would be the final tank in the group to be completed.

Anticipated completion dates for the other four SST's are:

- C-102: September, 1995
- C-107: August, 1995
- C-110: May, 1995
- BY-102: July, 1995.