

START

ATTACHMENT 1

U.S. DEPARTMENT OF ENERGY - RICHLAND OPERATIONS OFFICE
CLASS 1 CHANGE REQUEST

EFE002-90, "SINGLE-SHELL TANK CHARACTERIZATION SCOPE CHANGE
IN RESPONSE TO WASHINGTON STATE DEPARTMENT OF ECOLOGY COMMENTS"



9 0 1 1 1 / 3 2 1 6 3 4

**CHANGE REQUEST
(PROGRAMS AND SITE)**

PAGE 1 OF _____

CIN (3)	EFE002-90
Date	3/5/90
Rev.	0
Originator (4)	AJ DiLiberto
Organization	13316
Phone	3-1003
Date	

Program/Project Title (1) Program Plan Affected
ERRA SST Characterization

Change Title (2) **SST Waste Characterization Scope
Change Per Ecology Comments**

(5) BASELINE IMPACT <input checked="" type="checkbox"/> Work Scope <input type="checkbox"/> Funds <input checked="" type="checkbox"/> Budget <input type="checkbox"/> Contingency <input checked="" type="checkbox"/> Schedule <input type="checkbox"/> Staffing <input type="checkbox"/> Technical	(6) PRIORITY <input type="checkbox"/> Emergency <input checked="" type="checkbox"/> Urgent <input type="checkbox"/> Routine	(7) CLASS <input checked="" type="checkbox"/> I <input type="checkbox"/> II <input type="checkbox"/> III <input type="checkbox"/> CRP	Cost Impact * (8) +\$686,000	B&R Code GF-72-89
			Schedule Impact (9) See Attachment	Staffing Plan Affected <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Manhours Impact (10) +3,000 Hours				

DESCRIPTION (Attach pages as necessary)
(11)

In the WHC response (letter #9051580) to the latest comments (letter #89050980 from Ecology to DOE-RL) on the SST Waste Characterization Plan, WHC-EP-0210, the FY 1990 scope for SST characterization needs to be revised and supplemental budget of \$686,000 provided. The changes are as follows:

- Add EPTOX testing capability and analysis +\$122,000
- Prepare procedures, review with Ecology, and perform 18 analyses
- Provide additional manpower support for completion of the dispute resolution process and closure of Ecology comments +\$267,000
- Provide additional manpower support for completion of the Phase IC sampling plan +\$492,000
- Delay Phase IC sampling and analysis from June to November 1990 -\$195,000

(Continued on Page 2) FY 1990 TOTAL +\$686,000

COST ACCOUNTS AFFECTED

EF211

JUSTIFICATION (Include impact if not implemented. Attach pages as necessary.)
(12) (Reasons for revision)

The additional FY 1990 budget request of \$686,000 from the ERRA Program is being reallocated from the E2-Management, Planning and Community Relations end function to EF-Single-Shell Tank (SST) Characterization and Assessment end function.

The changes to the Tri-Party Agreement (TPA) interim milestones are in response to resolution of Ecology comments on the SST Waste Characterization Plan and a tentative agreement reached with the unit manager for the SST Operable Unit at the January 30, Unit Managers meeting.

(13) **DISPOSITION**

Approved
 Approved as Amended
 Disapproved
 Deferred

ORGANIZATIONAL IMPACT (15)

Org.	Manhours	Dollars	Org.	Manhours	Dollars
<input type="checkbox"/> Def. Reactor			<input type="checkbox"/> Projects		
<input type="checkbox"/> Chem. Process.			<input type="checkbox"/> Civ. W. M.		
<input type="checkbox"/> Def. W. M.			<input type="checkbox"/> Ops. Support		
<input type="checkbox"/> Def. Prog. Planning			<input type="checkbox"/> E.S.&S.		
<input type="checkbox"/> Adv. Reactor Dev.			<input type="checkbox"/> Resource Alloc.		
<input type="checkbox"/> Surplus Fac. Mgmt.			<input type="checkbox"/> Other		
<input type="checkbox"/> Engineering					

(14) **FUNDING SOURCE**

	Capital	Expense
Contingency		
Mgmt. Reserve		
Baseline Funds		

Cost Account Mgr./Perf. Org. Mgr. <i>R. J. Dennis</i> 3/8	Date	Program Administration <i>R. J. Dennis</i> 3-8-90	Date
Activity Manager <i>W. Hall</i>	Date 3-7-90	Program Manager <i>R. J. Dennis</i>	Date 3-5-90
End Function Manager <i>W. Hall</i>	Date 3-7-90		

DOE Directed Change
Implement Change Prior to DOE Approval

Program/Project Director _____ Date _____

DOE-RL APPROVAL

Name _____ Date _____

Name _____ Date _____

DESCRIPTION (CONTINUED)
(11)

CIN (3) EFE002-90

In addition, the budget requirements for SST characterization for FYs 1991 and 1992 will be impacted. In FY 1991 the required budget will be reduced \$137,000 to \$18,383,000. This reduction is a result of a decrease in the number of samples taken, analyzed, data packages prepared, and an increase in required analyses and analytical methods development. In FY 1992 the required budget will increase by \$1,870,000 to \$20,840,000 because of an increase in the number of samples taken, analyzed and data packages prepared. Also, this revised scope will require TPA interim milestones and other DOE-RL major milestones (non-TPA) to be changed (see Attachment 1). Attachment 1A is the revised ERRA FY 1990 end function baseline reallocating \$686,000 from the E2 end function to the EF end function.

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ATTACHMENT 1 TO DESCRIPTION

CIN (3) EFE002-90

Original Agreement Milestone (M-10-04):

"Obtain 12 cores from 6 tanks - November 1990"

Revised Agreement Milestone (M-10-04):

"Obtain 4 cores from 2 tanks - December 1990"

Original Agreement Milestone (M-10-05):

"Obtain 20 cores from 10 tanks - October 1991"

Revised Agreement Milestone (M-10-05):

"Obtain 16 cores from 8 tanks - September 1991"

Original Agreement Milestone (M-10-06):

"Obtain 20 cores from 10 tanks - September 1992"

Revised Agreement Milestone (M-10-06):

"Obtain 24 cores from 12 tanks - September 1992"

Original Agreement Milestone (M-10-07):

"Obtain 22 cores from 11 tanks - September 1993"

Revised Agreement Milestone (M-10-07):

"Obtain 24 cores from 12 tanks - September 1993"

No Change to Agreement Milestone (M-10-08):

"Obtain 44 cores from 22 tanks - September 1994"

Original Agreement Milestone (M-10-09):

"Obtain 44 cores from 22 tanks - September 1995"

Revised Agreement Milestone (M-10-09):

"Obtain 48 cores from 24 tanks - September 1995"

Original Agreement Milestone (M-10-10):

"Obtain 44 cores from 22 tanks - September 1996"

Revised Agreement Milestone (M-10-10):

"Obtain 48 cores from 24 tanks - September 1996"

Original Agreement Milestone (M-10-11):

"Obtain 44 cores from 22 tanks - September 1997"

Revised Agreement Milestone (M-10-11):

"Obtain 48 cores from 24 tanks - September 1997"

Original Agreement Milestone (M-10-12):

"Obtain 44 cores from 22 tanks - September 1998"

Revised Agreement Milestone (M-10-12):

"Obtain 38 cores from 19 tanks - September 1998"

No Change to Agreement Major Milestone (M-10-00):

"Complete Analyses of at least two complete core samples from each Single-Shell Tank. - September 1998"

The milestone schedule shows a reduction in the number of cores obtained for milestones M-10-04 and M-10-05 and the redistribution of the number of cores to be obtained in subsequent years. These changes to the interim milestones do not impact the Agreement Major milestone M-10-00 scheduled completion date for SST waste characterization. The sampling schedule is

based on two core samples per tank and will require modification if additional cores are needed.

The schedule provides for the development of a Phase IC plan based on the results of Phase IA and EP Tox testing only and the initiation of Phase IC sampling upon the submittal of the plan to Ecology in early November 1990. Sampling would begin before the plan has been approved by Ecology or released for public review and Phase IB data would be incorporated into the plan as it becomes available. This schedule is based upon the assumption that resampling of Phase IC tanks will not be required to perform any additional analyses that may be required; any additional analyses will be performed on archived samples.

The following SST Characterization DOE-RL Major milestones (non-TPA) will also need to be revised:

	<u>Current Schedule</u>	<u>Revised Schedule</u>
o Initiate FY 1990 SST Core Sampling	06/01/90	--
o Initiate FY 1991 SST Core Sampling	--	11/06/90
o Document SST Characterization Requirements Phase IC and Provide to Ecology for Approval	05/01/90	11/06/90
o Initiate Use of Throw-Away Samplers	06/09/90	11/06/90
o Initiate Use of Core Truck Wind Screen	04/30/90	11/06/90

Environmental Restoration Remedial Actions Program
FY 1990 End Function Baseline

<u>End Function</u>	<u>FY 1990 Current Baseline</u>	<u>Change</u>	<u>FY 1990* Revised Baseline</u>
E2 - Management, Planning & Community Relations	\$11,967	-\$686	\$11,281
EB - 100 Area Characterization & Assessment	8,770		8,779
EC - 300 Area Characterization & Assessment	11,946		11,946
ED - 1100/600 Area Characterization & Assessment	14,944		14,944
EE - 200 Area Characterization & Assessment	14,708		14,708
EF - Single-Shell Tank (SST) Characterization & Assessment	10,849	+ 686	11,535
EG - Technology Development & Demonstration	0		0
EJ - Radiation Area Reduction	3,135		3,135
EK - Facility, Systems, & Equipment Upgrades	14,744		14,744
EV - RCRA (Non-SST) Closures	11,880		11,880
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Total Westinghouse Controlled Baseline	\$72,952	0	\$72,952
Department of Energy - Richland Operations Office	<u>2,648</u>	<u>0</u>	<u>2,648</u>
Total FY 1990 ERRA Program	\$75,600	0	\$75,600
RDDT&E	\$ 5,950*	0	\$ 5,950*

*Includes SST and Technology Development and Demonstration. Scope funded from the OTD Program for the NWHWC has yet to be identified.

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