

# 100-BC-1 Demonstration Project Expedited Response Action Proposal

Tri-Party Agreement

FACT SHEET

## PUBLIC NOTICE – REQUEST FOR PUBLIC COMMENT

This focus sheet describes the cleanup options being proposed by the U.S. Department of Energy (DOE), the U.S. Environmental Protection Agency (EPA), and the Washington State Department of Ecology, the Tri-Party Agencies. The *100-BC-1 Demonstration Project Expedited Response Action Proposal* (DOE/RL-95-51) document describes the accelerated clean up plan for waste sites in the 100-BC-1 Operable Unit of the Hanford Site and are available for review in the information repositories listed below.

Several waste sites are being proposed for clean up this summer under the Streamlined Approach for Environmental Restoration (SAFER) process and the national contingency plan. The SAFER process is a DOE Headquarters initiative that focuses on building consensus on the objectives of a project prior to implementation. The SAFER process also uses the observational (learn as you go) approach during field work to expedite cleanup actions.

**The Public Comment Period will Begin May 15 and End June 15.**

All comments will be considered and responded to prior to implementation of this project.

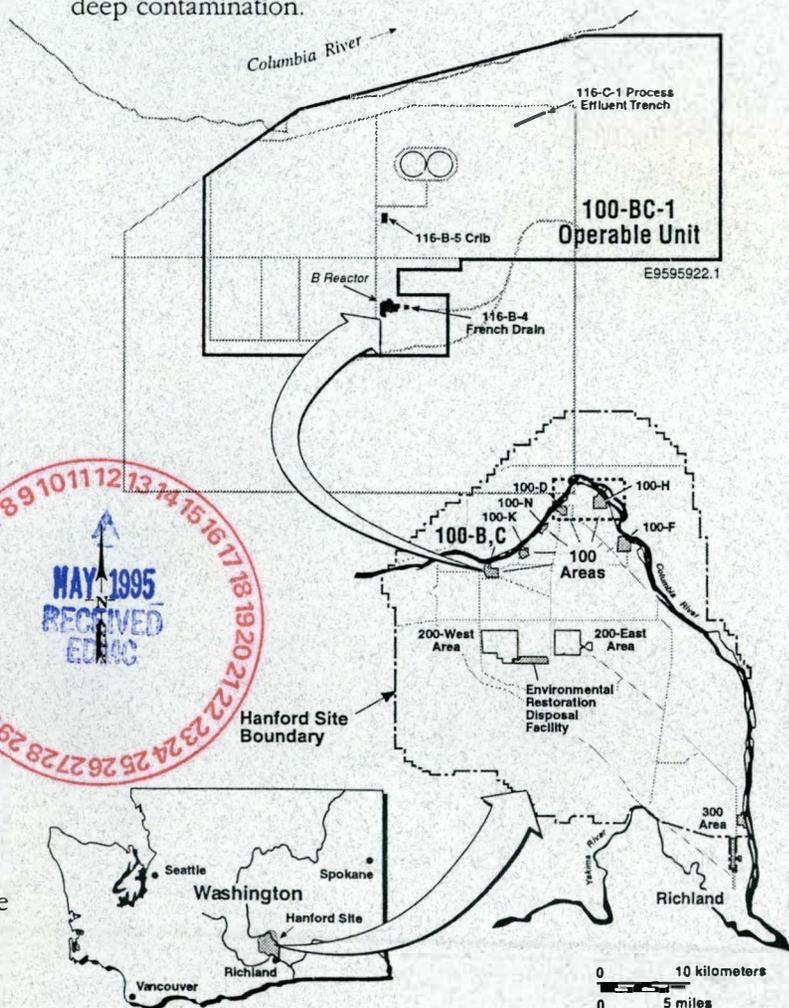
**Submit Written Comments To:**

**Dennis Faulk**  
 US Environmental Protection Agency  
 712 Swift Suite 5  
 Richland, Washington 99352  
 (509) 376-8631

## BACKGROUND

The 100-BC Demonstration Project Expedited Response Action is being proposed in an effort to begin remediation of 100 Area waste sites this summer. The 100-BC-1 Operable Unit is located in the northwest portion of the Hanford Site and on the bank of the Columbia River.

This action proposes clean up of a number of sites in the 100-BC Area to gather information that will assist in the development of the remedial design for 100 Area clean up, including validation of remediation cost estimates. Three sites are proposed to be cleaned up under this action. The first site is the 116-B-4 French Drain. This small site received spent acid and radionuclides from a decontamination facility. The second proposed site is the 116-B-5 Crib. This is also a relatively small site with radioactive contaminants. The third site is the 116-C-1 Effluent Disposal Trench. This site, which is one of the largest waste sites in the 100-BC Area, is near the Columbia River and is considered one of the largest risk contributors in the 100-BC Area. This site is contaminated with radionuclides and chromium, at depths of up to 40 feet. Information will be gathered to determine how to handle sites in the 100 Area that have deep contamination.



## ALTERNATIVES:

Two alternatives have been considered for this proposal. These alternatives will be the focus of our engineering evaluation/cost analysis proposed alternatives.

### 1. No Action Alternative

The no action alternative would leave the waste sites as they are. No accelerated clean up would occur and these waste sites would be handled as part of the 100-BC-1 Operable Unit Record of Decision.

### 2. Waste Excavation and Storage

This alternative calls for excavation of the waste sites to levels that do not preclude any future use due to Hanford contaminants. The clean up levels will be consistent with a residential risk scenario. These cleanup levels will be established for the entire 100 Area. It is expected that contaminated materials from this action will be stored for future disposal at the Environmental Restoration Disposal Facility (scheduled to receive waste by September 1996). DOE is also considering disposal of this waste at the 218-W-5 Burial Ground, Trench 31 (WO25) in the 200 Area.

## RECOMMENDED ALTERNATIVE

The Tri-Party Agencies recommend Alternative 2 as the preferred clean up. This alternative is consistent with the approach envisioned for 100 Area clean up and will allow collection of information to support remedial design for large scale clean up of 100 Area Operable Units.

## INFORMATION REPOSITORIES

To review the 100-BC Demonstration Project Expedited Response Action Engineering Evaluation/Cost Analysis, please visit the information repository nearest you. You may also receive a copy of the document by calling the toll free number at 1-800-321-2008.

### SEATTLE

University of Washington  
Suzzallo Library  
Government Publications Rm.  
Seattle, WA 98195  
(206) 543-4664  
Attn: Eleanor Chase

### PORTLAND

Portland State University  
Branford Price Millar Library  
Science and Engineering Flr.  
934 SW Harrison  
Portland, OR 97207-1151  
(503) 725-3690  
Attn: Michael Bowman or  
Susan Thomas

### SPOKANE

Gonzaga University  
Foley Center  
E. 502 Boone  
Spokane, WA 99258  
(509) 328-4220, ext. 3844  
Attn: Tim Fuhrman

### RICHLAND

DOE Richland Public Reading Rm.  
Washington State University,  
Tri-Cities  
100 Sprout Road, Room 130 West  
Richland, WA 99352  
(509) 376-8583  
Attn: Terri Traub

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