

**PRELIMINARY ASSESSMENT/SITE INSPECTION REPORT
AND SWMU ASSESSMENT REPORT**

UNIT NUMBER: 465

UNIT NAME: Yard Rubble Pile and Crushate Storage Area

DATE: 01/19/01

REGULATORY STATUS: SWMU

LOCATION: SWMU 465 is located inside the plant security fence, west of C-333 Cascade Building

APPROXIMATE DIMENSION: 400 ft. x 1000 ft.

FUNCTION: Concrete rubble pile and concrete crushate storage area

BRIEF HISTORY: According to BJC personnel who were formerly employed by the previous subcontractor, concrete from the renovation of the C-745-G cylinder yard in 1995 was placed west of C-333 Cascade Building for later recycling and/or disposal. In 2001, a concrete crusher was purchased for crushing this material and other concrete rubble piles generated by PGDP. The crushate generated by the operation will be stored at this location until use or disposal.

OPERATIONAL STATUS: Active

DATES OPERATED: According to BJC personnel who were formerly employed by the previous subcontractor, the site has operated from 1995 to present.

SITE/PROCESS DESCRIPTION: Concrete and concrete crushate storage area.

WASTE DESCRIPTION: As of January 11, 2001, concrete debris was stored at this location.

WASTE QUANTITY: 4500 yd³.

SUMMARY OF ENVIRONMENTAL SAMPLING DATA: Sampling of the soils was conducted for

radiological constituents, metals, and PCBs. Based on correspondence and analytical data, no contamination was noted in the soils. The concrete was analyzed for asbestos and radiological contaminants. Based on sampling analysis results, the concrete is not contaminated and does not pose a risk to human health or the environment.

DESCRIPTION OF RELEASE AND MEDIA AFFECTED: According to BJC personnel who were formerly employed by the previous subcontractor, there are no known releases associated with this SWMU.

GROUNDWATER: NA

SURFACE WATER: NA

SOIL: Soil samples were analyzed from this area. Analytical data does not indicate the presence of any contaminants.

ECOLOGY AFFECTED (i.e., endangered/threatened species): None

DOCUMENTATION OF NO RELEASE: According to BJC personnel who were formerly employed by the previous subcontractor, there is no knowledge of any spills, leaks, or releases.

IMPACT ON OR BY OTHER SWMU/AOC: This unit is located in SWMU 193 and adjacent to SWMU 476.

PRG COMPARISON: NA

RFI NECESSARY: No. There are no known releases associated with this SWMU. This area is located inside the plant security fence and is currently managed in accordance with approved BJC procedures for radiological control. This area is being proposed for No Further Action since there is not a threat to human health and the environment.

NOTE: Elements included in this outline shall be considered and incorporated, as appropriate, when developing the above referenced document.