

6.0 RECOMMENDED REMOVAL ACTION ALTERNATIVE

This EE/CA was performed in accordance with current USEPA and Navy guidance documents (USEPA, 1993; Naval Facilities Engineering Command Southwest, 1994) for NTCRAs under CERCLA. The purpose of this EE/CA is to identify and to analyze various removal actions required to address the PCBs in building materials of Hangar 1 at Moffett Field, California.

Based on the comparative analyses of the removal action alternatives in terms of implementability, effectiveness, and cost (presented in Section 5.0), the Navy's recommended alternative for the planned NTCRA is Alternative 10, which entails removal of all interior structures and siding, and containment of the PCBs in structural steel paint with an epoxy coating. Contaminated and non-contaminated debris will be transported to appropriate off-site disposal facilities.

The Navy also considered historic mitigation measures as described in Section 4.4, and recommends the following:

- Level 1 HAER documentation
- Oral histories of individuals who worked in the Hangar during different eras
- Virtual Hangar 1 interactive CD
- Inventory-catalogue of Hangar 1 collections contained in Moffett Field Museum
- Preservation of Hangar 1 man-cranes
- Coating the exposed steel frame with protective coating similar in color to the former siding

Alternative 10, remove siding and coat exposed surfaces, is recommended because the primary source of PCBs (the Robertson Protected Metal siding) would be removed, and remaining PCBs in structural steel paint would be adequately contained. Alternative 10 removes the majority of the sources from the site; thus, there would be minimal threat of any potential future release of PCBs into the environment. This alternative best meets the RAO and the NCP criteria because it:

- Is technically feasible based on commonly used construction techniques and demonstrated proven approaches
- Is administratively feasible; uses federal funding for support and follow on maintenance of the steel coating
- Uses widely available conventional construction equipment, services, and skilled workers
- Provides a high degree of long-term protection of the public and the environment because the PCBs in Hangar 1 siding and associated interior components are removed, and the remaining PCBs in structural steel paint are contained
- Complies with ARARs

- Provides adequate short-term effectiveness during implementation
- Imposes minimal restrictions on future use of the site and provides a frame that could be used for future development