



DEPARTMENT OF THE NAVY  
NAVAL ORDNANCE SAFETY & SECURITY ACTIVITY  
FARRAGUT HALL BLDG D-323  
23 STRAUSS AVENUE  
INDIAN HEAD MD 20640-5555

8020  
Ser N712/3462  
6 Aug 03

From: Commanding Officer, Naval Ordnance Safety and Security Activity  
To: Commander, Southwest Division, Naval Facilities Engineering Command (Code 06CC.LMH)  
Subj: EXPLOSIVES SAFETY SUBMISSION FOR NON-TIME CRITICAL REMOVAL ACTION, INSTALLATION RESTORATION PROGRAM SITE 11 NATIONAL AERONAUTICS AND SPACE ADMINISTRATION, CROWS LANDING FLIGHT FACILITY, CROWS LANDING, CALIFORNIA [M-279]  
Ref: (a) SOUTHWESTNAVFACENCOM ltr Code 06CC.LMH of 8 Jul 03  
(b) DoD 6055.9-STD dtd Jul 99  
(c) NAVSEA OP 5, Volume 1, Seventh Revision  
(d) DoD 4160.21-M  
Encl: (1) Attachment to Chapter 20 of Army EP 1110-1-18, Ordnance and Explosives Response, *UXO Personnel Training and Experience Hierarchy*

1. As requested by reference (a), Naval Ordnance Safety and Security Activity (NOSSA) has reviewed the explosives safety submission (ESS) for unexploded ordnance (UXO) construction support for a non-time-critical removal action at Installation Restoration Program Site 11 at the National Aeronautics and Space Administration (NASA) Crows Landing Flight Facility, Crows Landing, California. This action involves excavation and off-site disposal of buried waste and inert ordnance and explosives (OE) materials found at this site. Explosives-loaded items have not been found at the site, and they are not expected to be found. Accordingly, this ESS is exempt from the requirements of reference (b), paragraph C12.3.2.1, for review by the Department of Defense Explosives Safety Board (DDESB).

2. This ESS is approved for use, contingent upon the following requirements:

a. All UXO personnel must be fully trained and qualified graduates of military UXO or approved civilian qualification courses. Enclosure (1) provides a matrix of the training and experience requirements for UXO personnel.

b. Standard Operating Procedures (SOPs) must be prepared for all of the work that will be conducted in accordance with this ESS and must be used by all personnel involved in this work.

Subj: EXPLOSIVES SAFETY SUBMISSION FOR NON-TIME CRITICAL REMOVAL ACTION, INSTALLATION RESTORATION PROGRAM SITE 11 NATIONAL AERONAUTICS AND SPACE ADMINISTRATION, CROWS LANDING FLIGHT FACILITY, CROWS LANDING, CALIFORNIA [M-279]

c. The quantity-distance requirements of paragraph 7.3.2 of the ESS are modified by the following conditions: (1) an operational exclusion zone of 200 feet must be established around excavation sites to prevent distraction or interference by non-essential personnel; (2) if explosives-loaded munitions are encountered during excavation, the largest explosives-loaded item found will recalibrate the exclusion zone, in accordance with reference (c), Table 7-9.

d. The procedures in paragraph 7.3.1 of the ESS are approved for UXO/OE movement, with the exception that a temporary storage container for explosives-loaded UXO/OE items is not authorized, unless a site approval request is submitted to NOSSA for concurrence and subsequent approval by the DDESB. The other procedures in paragraphs 7.3.1 and 7.5 of the ESS are approved for use for UXO/OE movement and disposal.

e. All munitions scrap metal managed under this ESS must be certified as inert, per reference (d), Chapter 4, paragraph B3, which requires dual signatures. The verification signature must be a technically-qualified Department of Defense (DoD) representative who is also a U.S. citizen.

3. This ESS and all other documents related to explosives decontamination and remediation at this site must be retained in the permanent Navy remediation files. The NOSSA point-of-contact for explosives remediation is Mr. Edward Klinghoffer, P.E., N712, at DSN: 354-4966, commercial: (301) 744-4966, or E-Mail: klinghofferem@navsea.navy.mil; the NOSSA point-of-contact for environmental issues is Mr. John Dow, N51, at DSN: 354-4450/4906, commercial: (301) 744-4450/4906, or E-Mail: dowjp@ih.navy.mil.

  
RICHARD T. ADAMS  
By direction

Copy to:  
DDESB (DDESB-KO)  
CNO (N411; N45)  
COMNAVSEASYS COM (SEA 00T)  
COMNAVFACENGCOM (EN; ENC; BRAC)  
NOSSA ESSOPAC (N7P)

Subj: EXPLOSIVES SAFETY SUBMISSION FOR NON-TIME CRITICAL REMOVAL  
ACTION, INSTALLATION RESTORATION PROGRAM SITE 11 NATIONAL  
AERONAUTICS AND SPACE ADMINISTRATION, CROWS LANDING FLIGHT  
FACILITY, CROWS LANDING, CALIFORNIA [M-279]

Blind copy to:  
NOSSA (N5)

Attachment to Chapter 20, EP 1110-1-18, Ordnance and Explosives Response

UXO Personnel Training and Experience Hierarchy

Position Description	Training Required (Notes 1, 2, & 3)	Minimum Years of EOD/UXO Experience	Special Requirements
UXO Safety Officer	1, 2, or 3	10 years	Experience in all phases of UXO remediation and applicable safety standards
UXO Quality Control Specialist	1, 2, or 3	10 years	Experience in all phases of UXO remediation and the transportation, handling and storage of ordnance and explosives materials
Senior UXO Supervisor	1, 2, or 3	15 years	Significant experience in all aspects of UXO remediation. Five years experience in supervisory positions.
UXO Technician III	1, 2 or 3	10 years	Prior military EOD and/or commercial UXO experience
UXO Technician II	1, 2 ----- or 3	N/A ----- 5 years	Prior military EOD experience ----- Experience in UXO remediation/range clearance operations. Plus specific project/ordnance training
UXO Technician I	1, 2 or 3	0	Successfully completed DOD certified course of instruction appropriate to this skill level
UXO Sweep Personnel	Equipment and site specific training	N/A	Equipment and site specific training. (Experience at this position is not required for UXO Technician I certification.)

- Note: 1. Graduate of the Army Bomb Disposal School at Aberdeen, MD.  
 2. Graduate of the Naval EOD School  
 3. Graduate of a Department of Defense certified UXO Training Program  
 4. This is the minimum experience requirement for designation. This is not an automatic designation, but reserved for those that have demonstrated the requisite knowledge, maturity, judgement and are recommended by the contractor for recognition at the specified skill level.

Enclosure (1)

## Transmittal

Date: 8 Aug 2003

From: Lynn Marie Hornecker  
Code 06CC.LMH

To: Diane Silva  
Code ~~01LS.DS~~ 05G.DS  
Administrative Record Manager

Subj: CERCLA ADMINISTRATIVE RECORD MATERIALS  
NALF Crows Landing

Installation: NALF Crows Landing

UIC Number: N60211

Document Title: Explosives Safety Submission

Author: Commanding Officer NOSSA

Recipient: Lynn Hornecker

Record Date: 6 August 2003

Approximate Number of Pages: 4

Sites: Site 11

Key Words: Removal action, ordnance

Contract: N/A

CTO Number: