

CORRES. CONTROL
OUTGOING LTR NO.



KAISER HILL
COMPANY

DOE ORDER # 5480.22

01 -RF-02029

August 30, 2001

01-RF-02029

DIST.	LTR	ENC
BRAILS FORD, M.D.		
FERRERA, D.W.		
FERRI, M.S.	x	
FULTON, J.C.		
GIACOMINI, J.		
HALL, L.	x	
MARTINEZ, L.A.		
PARKER, A.M.	x	
POWERS, K.		
SCOTT, G.K.		
SHELTON, D.C.		
SPEARS, M.S.		
TRICE, K.D.		
TUOR, N.R.		
VOORHEIS, G.M.		

Barbara A. Mazurowski
Manager
DOE, RFFO

NOTIFICATION OF INTENT TO RENDER THE LIFE SAFETY/DISASTER WARNING SYSTEM
OUT-OF-COMMISSION IN BUILDING 776/777 OUT-BUILDINGS AND STRUCTURES
MSF-046-01

Carman, M	x	
Cox, J	x	
Cronin, R	x	
Dahlgren, S	x	
Gilmour, J	x	
Hanson, J	x	
Kellund, G	x	
Norman, R	x	
Starkey, R	x	
Vaughn, T	x	

Ref: Mark Ferri ltr, MSF-036-01, to Barbara Mazurowski, Demolition of Building 776/777
Complex Out-Buildings and Structures, July 27, 2001

This letter provides notification of planned activities in out-buildings and structures associated
with the Building 776/777 Complex that will render the Life Safety/Disaster Warning (LS/DW)
system in these buildings as Out-of-Commission (OOC).

The Building 776/777 Basis for Interim Operation (BIO) requires that prior to rendering
equipment OOC, a process must be established to notify DOE-RFFO prior to removal from
service. The notification must include technical justification and facility status at the time of
system removal. This letter provides the required notification for rendering the LS/DW system
OOC in out-buildings and structures associated with the Building 776/777 Complex.

COB CONTROL	x	
ADMN RECORD		
WASTE REC. CTR		
TRAFFIC		
PATS/130		

The Building 776/777 Complex is currently undergoing deactivation and decommissioning which
includes the demolition of out-buildings. These buildings include cooling towers and associated
pump houses, valve houses, and other structures that are no longer required to support the
776/777 facility. Prior to the demolition of these buildings, the LS/DW system in each building
(where installed) will be de-energized and removed from service. The buildings will then be
demolished.

CLASSIFICATION:		
UCNI		
UNCLASSIFIED	x	
CONFIDENTIAL		
SECRET		

AUTHORIZED CLASSIFIER

SIGNATURE *[Signature]*

[Signature]

Date 8-29-01

The LS/DW system in these buildings is included in the BIO as providing a SC-1/2 function
(criticality accident alarm annunciation). The referenced letter identified that most support
systems within these buildings were not subject to BIO restrictions regarding their declaration as
OOC; however, the letter acknowledged that the criticality accident alarm function within these
facilities was subject to the BIO restrictions. Therefore, DOE, RFFO notification is required prior
to declaring the LS/DW system in these buildings as OOC.

IN REPLY TO RFP CC
NO:

ACTION ITEM STATUS

- PARTIAL/OPEN
- CLOSED

LTR APPROVALS:

ORIG & TYPIST INITIALS

In order to preserve worker safety and provide a criticality accident alarm function in the portions
of these buildings that lie within the 12-Rad boundary of Building 776/777 during the period
between de-energizing the LS/DW system and the demolition of the structures, compensatory
measures will be provided. These compensatory measures will be as required by the BIO and
will be established within the 12-Rad boundary of Building 776/777 in accordance with the Site
Nuclear Criticality Safety Program.

Kaiser Hill Company, L.L.C.
Rocky Flats Environmental Technology Site, 10808 Hwy. 93 Unit B, Golden CO 80403-8200 ♦ 303-966-7000

ADMIN RECORD

B776-A-000073

CLASSIFICATION OFFICE
REVISION OFFICE
DOCUMENT CLASSIFICATION

1/2

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Barbara A. Mazurowski
MSF-046-01
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The work package to perform this work is being developed in accordance with integrated safety management principles, incorporating the necessary planning requirements, safety evaluations, prerequisites, and work steps. The impact of the LS/DW removal on facility safety is evaluated through the Unreviewed Safety Question Determination (USQD) process and through the Job Hazards Analysis performed for the work package. These processes ensure that the LS/DW removal can be performed within the safety envelope established by the Authorization Basis and that other hazards are adequately controlled to protect the workers and the public.

Potential impacts on facility status at the time of work commencement are controlled through conduct of operations requirements which dictate that the facility Configuration Control Authority (CCA) authorize the commencement of any work in the facility. This authorization includes a review of facility status, including the collective impact of all existing facility conditions, to ensure the work can be performed safely and compliantly. This CCA authorization is included as a prerequisite in the work package before work is allowed to begin.

The use of the processes and controls as described above provides acceptable assurance that the impact of the removal of the LS/DW system in out-buildings on facility safety is addressed and work hazards are adequately controlled.

In accordance with the BIO requirements, if we do not receive written direction from DOE within five working days of this notification, we will consider the removal of the LS/DW system in out-buildings in accordance with applicable work package controls and restrictions to be acceptable to DOE. If you have any questions, please contact Gary Kellund at extension 2224.



Mark Ferri
Project Manager, 707/776/777 Closure Project
Kaiser-Hill Company, L.L.C.

GCK:cjs

Orig. & 1 cc - Barbara A. Mazurowski

cc:

Ron Bostic - DOE, RFFO
Dave Faulkner - DOE, RFFO
Paul Golan - DOE, RFFO
Mike Payne - DOE, RFFO
Don Owen - DNFSB



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