

20434 RF 95

States Government

Department of Energy

Memorandum

FEB 10 10 30 AM '95 Rocky Flats Field Office

SUBJECT
DATE
ACTION

DIST.	LTR	ENC
BURLINGAME, A.H.		
BUSBY, W.S.		
CARNIVAL, G.J.		
CORDOVA, R.C.		
DAVIS, J.G.		
DENN, T.M.		
FERRERA, D.W.		
FAY, R.E.		
FULTON, D.L.		
GEIS, J.A.		
GLOVER, W.S.		
HOLAN, P.M.		
HANNI, B.J.		
HEALY, T.J.		
HEDAH, T.G.		
HILBIG, J.G.		
HOLLOWELL, L.J.	X	X
HUTCHINS, N.M.		
JACKSON, D.T.		
KELL, R.E.		
KUESTER, A.W.		
KARX, G.E.		
KOCCART, D.		
KODONALD, M.M.		
KOOGVERN, L.J.		
KOCKENNA, F.G.		
KUKERT, J.G.		
KIZZUTO, V.M.		
KOTTER, G.L.		
KATTERWHITE, D.G.		
KHRADER, D.C.		
KHUBERT, A.L.		
KHWARTZ, J.K.		
KETLOCK, G.H.		
KTIGER, S.G.		
KORHEIS, G.M.		
Bicher, C	X	X
Mast, F	X	

FEB 09 1995

EG&G
ROCKY FLATS PLANT
CORRESPONDENCE CONTROL

ER:KM:08118

Surveillance of Operable Unit 5 Fieldwork Activities

Carol Bicher, Project Manager for Operable Unit 5
Environmental Restoration Project
EG&G Rocky Flats, Inc.

Attached is a copy of a Health and Safety surveillance report on Operable Unit 5 drilling activities.

As described in the report, the field activities observed were conducted in compliance with the Site Specific Health and Safety Plan, the Department of Energy Order 5480.9, and 29 CFR 1910.120.

If you have any questions or comments, please call me at extension 2184.

Kurt Muenchow
Program Manager for Operable Unit 5
Environmental Restoration

Attachment

cc w/ Attachment
D. Smith, ER, RFFO

cc w/o Attachment:
C. Gesalman, EM-453, HQ
J. Roberson, AMER, RFFO
J. Wienand, ER, RFFO
F. Lockhart, ER, RFFO
P. Singh, ORNL
E. Mast, EG&G

CORRES. CONTROL	X	X
DMN RECORD/080		
PATS/T130G		

Reviewed for Addressee
Corres. Control RFP

2-10-95 jao
DATE BY

Ref Ltr. #

DOE ORDER # 4700.1

United States Government

Department of Energy

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EG&G
ROCKY FLATS PLANT
CORRESPONDENCE CONTROL

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REPLY TO
ATTN OF: ER:KM:08118

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TO: Carol Bicher, Project Manager for Operable Unit 5
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To: Kurt Muenchow RFETS/DOE/ER

From: Mary Elizabeth Lewis SAIC 

February 6, 1995

Subject: DOE Order and OSHA Compliance Review for OU-5 Phase I RFI/RI

A review of the Site Specific Health and Safety Plan for Implementation of Phase I RFI/RI Work Plan, Woman Creek Priority Drainage, Operable Unit 5, August, 1994, found the document to meet the requirements of DOE Order 5480.9 and 29CFR 1910.120.

A Field Audit of operating drill rigs was conducted on January 10, 1995, at borings #59894 and #59794. The activity observed during the audit was in compliance with the Site Specific Health and Safety Plan. As visitors, the auditors were given an impressively comprehensive field health and safety briefing at boring #59894.

Site control was maintained by the use of a perimeter barrier to establish an exclusion zone. Inside the exclusion zone workers wore gray coveralls, hard hats, hardtoe shoes, safety glasses and nitrile gloves. Workers close to the drill rig wore hearing protection and heavy work gloves over the nitrile. Monitoring of cuttings and cores had found no radioactive or volatile organic contamination to date, so no respiratory protection was in use.

The drill rigs were in safe operating condition, masts were straight upright and rigs were well balanced. Equipment in use was in good condition. Housekeeping at the sites was good. A plastic underliner placed beneath the truck, in compliance with the health and safety plan, to facilitate containment of any spill from the rig, was problematic in that it became a tripping and slipping hazard when wet.

Noise levels at boring # 59894 did not seem excessive and workers close to the rig wore hearing protection. At boring # 59794 a Moss sampler was being driven into rock with impacts at approximately one second intervals. During the use of the Moss sampler, noise levels did seem to be excessive to me standing just outside the exclusion zone. Workers operating the drill rig were wearing hearing protection, other workers inside the exclusion zone were not. A sound level meter was not available at the drill site at that time. Sound level monitoring had occurred previously but not during the use of the moss sampler. I would recommend that sound levels be reevaluated as conditions change, particularly in the extreme condition of driving a sampler into rock. Alternatively, if noise levels are unknown, hearing protection could be used by all workers in the vicinity during noisy operations.

In general, compliance with the Site Safety and Health Plan for OU-5 was commendable.