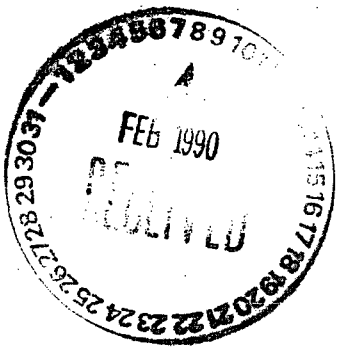
WM-73

Department of Energy
Albuquerque Operations Office
P.O. Box 5400
Albuquerque, New Mexico 87115

FEB 06 1990



Mr. Edward F. Hawkins
Licensing Branch 1
Uranium Recovery Field Office
Nuclear Regulatory Commission, Region IV
P.O. Box 25325
Denver, CO 80225

Dear Ed,

Enclosed for your information is one (1) copy of Project Interface Document (PID) No. 18-S-14 regarding the Tuba City, Arizona site. The PID is a result of long-term surveillance and maintenance requirements. Locating the fence on the site boundary will provide better protection for site permanent features and sufficient space between the fence and facility for future maintenance, if necessary.

The PID is considered a "Class II" change pursuant to Section 8.11 of the Remedial Action Plan. Should you have any questions or feel the "Class II" designation should be "Class I", please contact Michael Abrams of my staff at (505) 845-4628, immediately.

Sincerely,

Mark L. Matthews
Acting Project Manager
Uranium Mill Tailings Project Office

Enclosure

cc w/o enclosure:
D. Gillen, NRC-HQ
J. Oldham, MK-F
K. Agogino, JEG

90-0273

MORRISON KNUDSEN

UMTRA PROJECT OFFICE
PROJECT INTERFACE DOCUMENT

Site	Date	PID No.	Site No.	Vic Pro No.
Tuba City	18 Jan 1990	18-S-14	18	

Originator and Location	Phone	Organization	Answer By:	References:
D. M. Bolton, SFO	(415) 442-7586	MKES		Subcontract: Subcontract No:

Subject
Revision to Tuba City S&M Subcontract Documents

Description of Problem and Recommended Solution ☐ Clarification ☒ Change

Problem: DOE has directed that the following changes be made to the Tuba City S&M Subcontract documents:

1. Locate the security fence on the site boundary.
2. Place an access gate adjacent to US160 as shown on DOE sketch.
3. Install the site marker (SMK-1) immediately to the left or right of the access gate and inside the fence.
4. Install the entrance sign on a post inside the fence and adjacent to the gate.
5. Increase the number of perimeter signs and locate inside the fence at the locations shown on the DOE sketch.
6. Offset the boundary and boundary/survey monuments inside the fence.

Solution: Revise Spec. No. 01055 (Monuments and Surveys), Spec. No. 02850 (Signs), Spec. No. 10421 (Site Markers), Section 00310 (Bid Schedule) and Dwg. No. TUB-PS-10-0834, Rev. 0 to conform to the DOE directive.

Attachment: Letter with sketch from DOE to MKF, dated 8 Jan. 1990.

Originator [signature] 1-18-90
Signature Date

Disposition ☒ Approved ☐ Disapproved ☐ Approved as Noted

Criteria Change? ☐ Yes ☒ No
(If Yes, DOE approval required)

CONTROLLED WORK COPY

Class II

	Signature	Date
RAC Site Manager	Bill Zebick	1/19/90
RAC Project Control	William W. [signature] FOR JJD	1/22/90
RAC Engineering/Design	F.J. Feliz	1/18/90
RAC Construction Engineer	Robert E. Cooney	1/19/90
Reviewed for Quality Requirements	[signature]	1/19/90

Distribution	Name	Location		Name	Location
RAC Site Mgr.	E. W. Yhee		RAC Constr. Engr. Mgr.	R. Cooney	
DOE Proj Engr.	M. Abrams		RAC Qual. Mgr.	P. Cate	
TAC Site Mgr.	K. Ngagano		Other	J. Oldham F. Feliz	
RAC Site Qual. Engr.	W. Hayes			J. Klymas	
RAC HS&E Mgr.	F. Petelka			J. Garcia	

Cost/Time Est.
☐ Attached
☐ Not Required
☐ DOE Approval Req.

[illegible]	[illegible]	DIST	[illegible]	[illegible]	DIST
	✓	JGO			[illegible]
					[illegible]
	✓	REC			BAP
	✓	JBH/GPJ			MFP
		CDW	[redacted]		
		JBH			GC/PD
		JJD			IEJ
		MDT			TES
		[illegible]			DEW
		[illegible]			[illegible]
		SIS/DC		✓	WAZ
				✓	BSW
ORIG. FILE 10-1					
WORK FILE TUB					

MKE DOC. No. 4005-TUB-L-03-02372-00

RECEIVED-MKE
JAN 10 1990
UMTRA-S.F.

Department of Energy
Albuquerque Operations Office
P.O. Box 5400
Albuquerque, New Mexico 87115

JAN 08 1990

MK-FERGUSON CO.
ALBUQUERQUE
JAN 09 1990
RECEIVED

Mr. James G. Oldham
Project Director
MK-Ferguson Company
P.O. Box 9136
Albuquerque, NM 87119

Dear Jim,

The U. S. Department of Energy (DOE) requests MK-Ferguson Company (MK-F) to relocate the planned "disposal cell fence" at the Tuba City disposal site as shown on enclosed drawing number TUB-PS-10-0834. Refer to Project Office letter to you dated August 3, 1989. The requested location places the fence on the disposal site boundary.

The planned location of the fence prevents future access to the disposal cell by DOE surveillance and maintenance teams. Furthermore, the perimeter signs should be located, as specified below, at the perimeter of the disposal site boundary (not around the disposal cell as currently planned). Additionally, the requested location of the fence will protect these signs and other permanent features from vandalism and theft. Relocating the fence as shown will require the following additional changes:

1. An access gate should be placed at the site entrance coincident with the road to the site from US 160 as shown on the attached figure. Note that the final position of the gate should allow vehicles to enter the site.

2. The site marker (SMK-1) should be installed immediately to the left or right of the gate (inside the fence) but should not restrict vehicular traffic into the disposal site area.

3. The entry sign should be installed on a post (highway standard or equivalent) behind the fence, immediately adjacent to the gate The U. S. Nuclear Regulatory Commission has requested that the entry and perimeter signs for all disposal sites be installed on posts behind the fence(s), rather than attached to the fence, to discourage theft.

4. The perimeter signs, installed on posts behind the fence, should be placed as indicated on the attached figure. Since the signs have been placed to guarantee visibility, as per the Guidance Document (DOE, 1986), additional signs will, therefore, be needed.

5. The boundary and boundary/survey monuments currently placed at the corners of the disposal site property should be offset inside the fence.

Since the survey/boundary monuments also will be used here to measure displacements for the four settlement plates, the amount of offset required for these monuments should be sufficient to permit their use in measuring the displacements with ease.

We trust that these changes can be implemented with a minimum of effort. Should you have any questions, please contact Milt Scoutaris or Mike Abrams of my staff.

Sincerely,

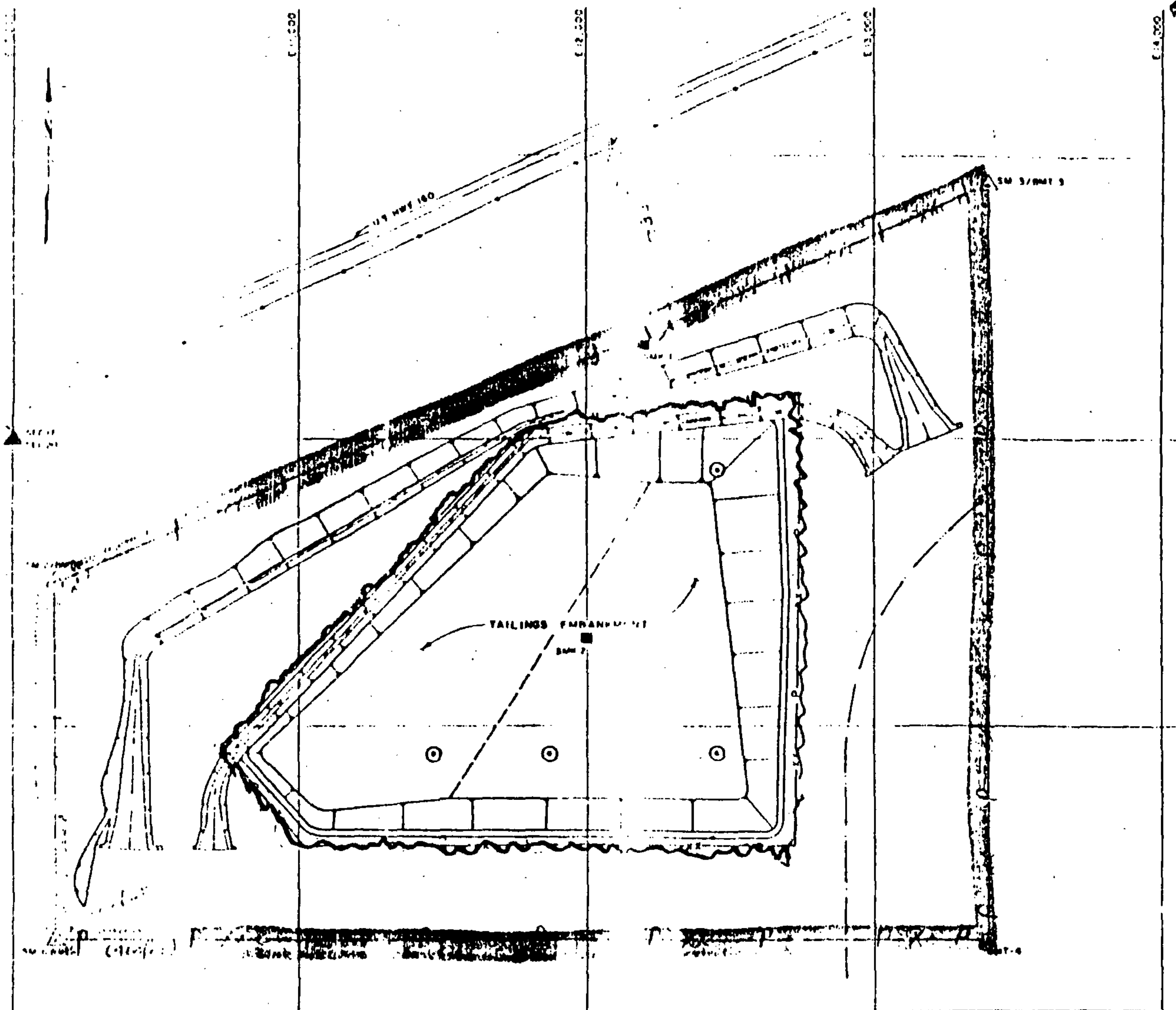
Frank D. Bailey
for

Mark L. Matthews
Acting Project Manager
Uranium Mill Tailings Project Office

Enclosure

cc w/enclosure:
M. Abrams, UMTRA
K. Agogino, JEG
B. Glover, JEG
C. Persson-Reeves, JEG

TUBA CITY DISPOSAL SITE LOCATION: T..N, R12E, SEC. 20, COCONINO COUNTY, ARIZONA



LEGEND

SM ... MT-2	SURVEY/BOUNDARY MONUMENT
... MT-4	BOUNDARY MONUMENT
MK 1	SITE MARKER
P	PERIMETER SIGN
	ENTRANCE SIGN
	SETTLEMENT PLATE
▲	PROJECT SURVEY CONTROL POINT
	SITE BOUNDARY
N10,300	CONSTRUCTION GRID COORDINATE
	PERMANENT DRAINAGE DITCH OR ...
	EXISTING FENCE
	DISPOSAL CELL FENCE

NOTES

1. MONITOR WELL LOCATIONS ARE SHOWN ON F... ...
2. COORDINATES OF MONUMENTS, MARKERS, AND SETTLEMENT PLATES ARE LISTED IN TABLE ...
3. DISPOSAL SITE FENCE AND PERIMETER SIGN LOCATIONS ARE APPROXIMATED

SCALE 200 0 200 400 FEET

U. S. DEPARTMENT OF ENERGY
ALBUQUERQUE, NEW MEXICO

TUBA CITY SITE
TUBA CITY, ARIZONA
SURVEILLANCE AND MAINTENANCE PLAN
DRAFT
LOCATIONS OF MONUMENTS, MARKERS AND SIGNS

DE-AC04-83AL18796

TUB-PS-... ...

ISSUED FOR CONSTRUCTION

<UNREVISED DRAFT>

FIGURE 3.2
FINAL SITE CONDITIONS
TUBA CITY, ARIZONA, DISPOSAL SITE