#00051991

CORREC. CONTROL
OUTGOING LTR. NO.

DOE ORDER# 4700.1
95 RF 02323

DIST.		
AMARAL, M.B.		
BURLINGAME, A.H.		
BUSBY, W.S.		
BRANCH, D.B.		
CARNIVAL, G.J.		
DAVIS, J.G.		
FERRERA, D.W.		
FRAY, R.E.		
GEIS, J.A.		
GLOVER, W.S.		
GOLAN, P.M.		
HANNI, B.J.		
HARMAN, L.K.		
HEALY, T.J.		
HEDAHL, T.		
HILBIG, J.G.		
HUTCHINS, N.M.		
JACKSON, D.T.		
KELL, R.E.		
KUESTER, A.W.		
MARX, G.E.		
McDONALD, M.M.		
McKENNA, F.G.		
MONTROSE, J.K.		
MORGAN, R.V.		
POTTER, G.L.		
PIZZUTO, V.M.		
RISING, T.L.		
SANDLIN, N.B.		
SCHWARTZ, J.K.		
SETLOCK, G.H.		
STEWART, D.L.		
STIGER, S.G.		
ROBIN, P.M.		
VOORHEIS, G.M.		
WILSON, J.M.		
CZUCCI, J.	X	X
KEITH, S.R.	X	X
LONDON, K.C.	X	X
PETER, K.	X	X
WISE, D.M.	X	X
FILE	X	X
CORRES. CONTROL	X	X
ADMN RECORD/080	X	X
TRAFFIC		
DATS/T130G		

CLASSIFICATION:

CNI		
UNCLASSIFIED		
CONFIDENTIAL		
SECRET		

AUTHORIZED CLASSIFIER SIGNATURE
DOCUMENT CLASSIFICATION REVIEW WAIVER PER CLASSIFICATION OFFICE
DATE

REPLY TO RFP CC NO:

ACTION ITEM STATUS
PARTIAL/OPEN
CLOSED
CLEAR APPROVALS:

ORIG & TYPIST INITIALS
KS / PJM
1/5

6400 (Rev. 6/94)

EG&G ROCKY FLATS

EG&G ROCKY FLATS, INC.
ROCKY FLATS PLANT, P.O. BOX 464, GOLDEN, COLORADO 80402-0464 • (303) 966-7000

March 7, 1995

95-RF-02323

Briand C. Wu
Manager Operable Unit 4
Environmental Restoration Division
DOE, RFFO

CRATE MANAGEMENT PLAN - SRK-033-95

Action: Submit Crate Management Plan to Colorado Department Public Health and Environment

There are approximately 150 metal crates of sludge from Solar Ponds 207 C stored on the 750 Pad. Based on discussions with your staff, EG&G has formulated a plan to transfer that material from the crates to 10,000 gallon polyethylene storage tanks. Roughly twelve to fifteen tanks must be purchased, installed, and certified for this effort. The tanks will become part of the interim status tank farm on the pad and will be included in a Part B modification application to obtain a permit.

During an inspection on February 10, 1995, representatives from the Colorado Department Public Health and Environment (CDPHE) requested a crate management plan be submitted to them by March 10, 1995. We have not received a final determination from this inspection as is stated on the Notice Of Inspection form. The lack of a final determination does create some confusion for us on the status and due dates for new requests, but in the interest of good communications, we suggest DOE respond to the February 10, 1995 request. The attached letter has been prepared for your use in transmitting the plan to the CDPHE.

Also attached is a schedule for completing the planned transfer of sludge to the new tanks. Although site representatives have shown an earlier draft of the schedule to CDPHE representatives, we recommend that this detailed schedule not be transmitted to the state. The level of detail in the schedule far exceeds the level of detail provided in other Solar Pond Projects governed by the Interagency Agreement (IAG) as negotiated by the Department of Energy (DOE) in the last dispute resolution. To be consistent with that established position on providing schedules, only a completion date would be needed. Please note that EG&G has identified no error and no compliance issue in the current storage situation. We recommend that DOE avoid creating an unnecessary commitment date for the sludge transfer that could impact existing compliance commitments that share the same resources as the transfer project.

If you would like to discuss the project further, please contact Joe Mellen, extension 8607.

J B Mellen for
S. R. Keith
Program Manager
Solar Pond Projects

KCL:pjm

Attachments:
As Stated (2)

Orig. and 1 cc - B. C. Wu

ADMIN RECORD

I101-A-00034

DRAFT DRAFT DRAFT

Mr. Joe Schieffelin, Unit Leader
Hazardous Waste Facilities
Colorado Department of Public Health and Environment
4300 Cherry Creek Drive South
Denver, CO 80222-1530

Dear Mr. Schieffelin:

Last January, in order to meet our schedule commitment to the State of Colorado, the Department of Energy (DOE) used metal crates to supplement tanks for the storage of sludge from Solar Evaporation Pond 207 C. In this letter, DOE provides our management plan for those crates, as requested by your representative during an inspection on February 10, 1995.

DOE feels the storage in the crates complies with the State's regulations and requirements. We plan, however, to transfer the sludge into tanks. While a review of the crates and the stored waste indicates that the crates would be adequate containers for the temporary storage period planned, storage in tanks was DOE's original plan and we prefer to transfer the sludge into tanks as soon as practical.

The crates will be inspected and maintained under the current operating procedures for the 750 Pad until transfer to tanks is completed. The transfer has begun since we have four empty tanks available.

New tanks have been ordered. The same specifications used for the existing tanks were used. Depending on procurement details, the first tanks could arrive on site in April. The tanks will be installed in Tent 6 and certified as was done for the existing tanks. The existing interim status allows up to 5544 cubic yards for tank storage, and we feel this volume will be adequate for our needs. The Part B modification application previously submitted will be revised to reflect the additional tanks. If we need to modify this permitting plan to reflect CDPHE action on the Part B modification, please let us know.

The new tanks will be installed and certified in the same manner as the existing tanks. DOE expects to submit the certifications in two or three packages. As before, DOE has authorized EG&G to deliver the certification packages directly to the Colorado Department Public Health and Environment. Following State acceptance of the certifications, sludge will be transferred from the crates to the new tanks. Assuming installation, certification, and acceptance proceed at the same pace as achieved for the existing tanks, the transfer of sludge to the tanks should be complete in late June to early July, 1995. We currently plan to complete transfer from the crates prior to transferring Clarifier sludge to the tanks, though the efficiency of this sequence will be reviewed as appropriate during the project.

If you would like to discuss this project further, please contact Briand C. Wu on 966-5899.

Sincerely,

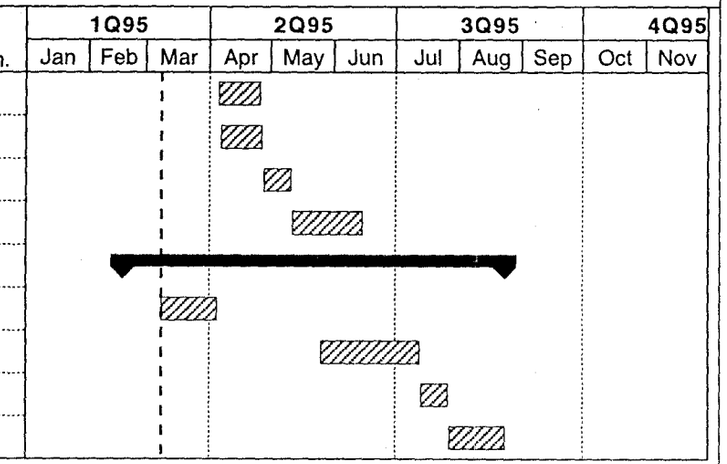
Steven W. Slaten
IAG Project Coordinator
Environmental Restoration

cc
J. A. Ciucci, EG&G
S. R. Keith, EG&G
R. M. Leitner, EG&G
J. B. Mellen, EG&G
K. G. Peter, EG&G
D. M. Wise, EG&G
S. Howard, DOE/SAIC

2

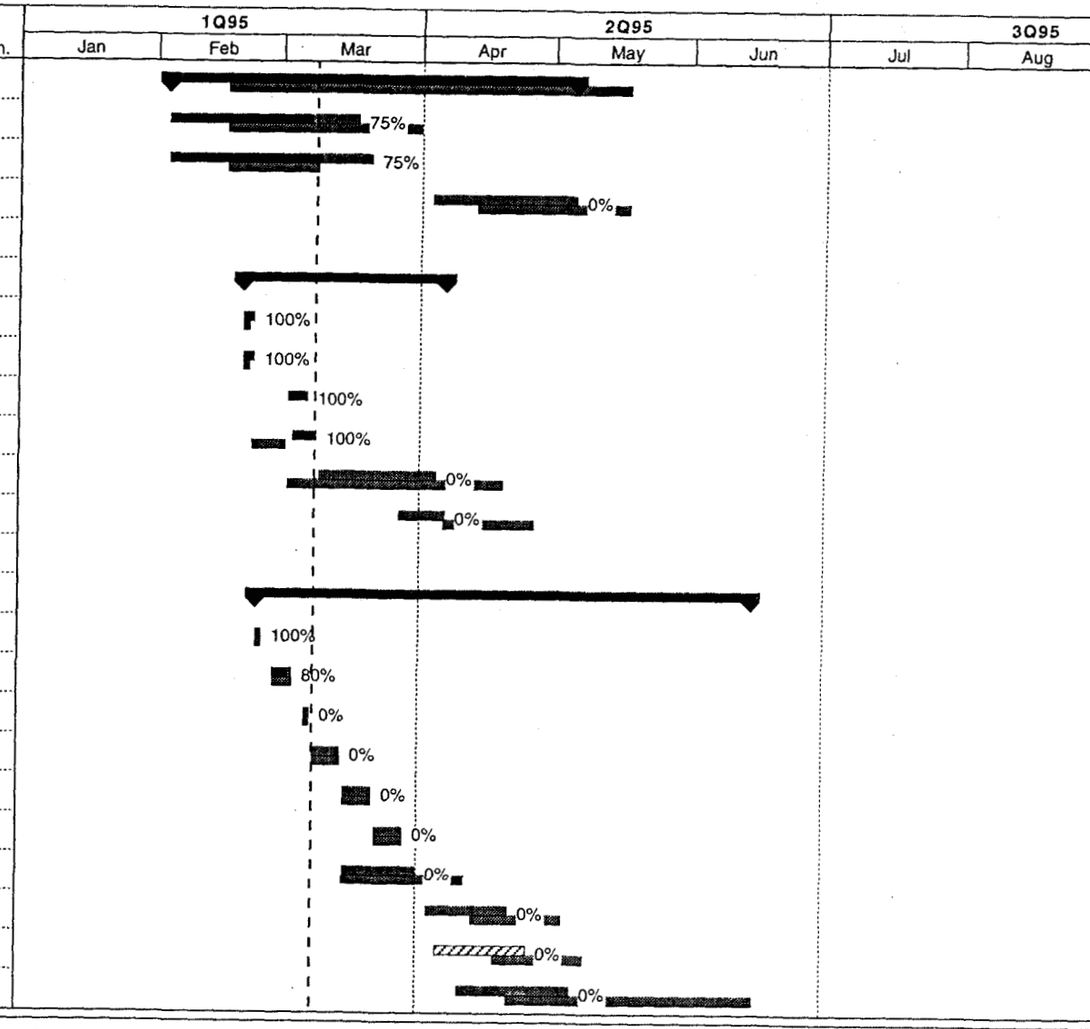
CRITCAL PATH FOR EMPTYING METAL CONTAINERS

ID	Name	Dur	Resp.	Cur. Strt.	Cur. Fin.	Orig. Strt.	Orig. Fin.
23	Place & Install Tanks	15d		4/5/95	4/25/95	4/18/95	5/8/95
26	Leak Test Tanks	15d		4/6/95	4/26/95	4/21/95	5/25/95
27	Construction Reserve	10d		4/27/95	5/10/95	NA	NA
28	Tanks Ready For Certification	25d		5/11/95	6/14/95	4/26/95	5/30/95
30	OPERATION	134d	Boyle	2/17/95	8/23/95	2/20/95	NA
36	Make Space For New Poly Tanks	20d		3/8/95	4/4/95	NA	NA
38	Empty Metals into New Tanks	35d		5/25/95	7/12/95	5/10/95	6/27/95
39	Operation Reserve	10d		7/13/95	7/26/95	NA	NA
41	Empty Clarifier	20d		7/27/95	8/23/95	6/28/95	7/25/95



EMPTY METAL CONTAINERS

ID	Name	Dur	Resp.	Cur. Strt.	Cur. Fin.	Orig. Strt.	Orig. Fin.
1	DESIGN	66d	Kozel	2/3/95	5/5/95	2/16/95	5/17/95
2	Tank Installation Package	31d		2/3/95	3/17/95	2/16/95	3/31/95
3	Transfer Pump	32d		2/3/95	3/20/95	2/16/95	3/8/95
4	Tent Surface Evaluation	25d		4/3/95	5/5/95	4/13/95	5/17/95
5							
6	PROCUREMENT	34d	Mellen	2/20/95	4/6/95	2/20/95	NA
7	Purchase Order	3d		2/20/95	2/22/95	2/20/95	2/21/95
8	Justification For Sole Source	3d		2/20/95	2/22/95	2/20/95	2/21/95
9	Obtain Bid	3d		3/2/95	3/6/95	NA	NA
10	Place Order	4d		3/3/95	3/8/95	2/22/95	3/1/95
11	Manufacture Tanks	19d		3/9/95	4/4/95	3/2/95	4/19/95
12	Ship Tanks	9d		3/27/95	4/6/95	4/6/95	4/26/95
13							
14	CONSTRUCTION	80d	O'Rell	2/23/95	6/14/95	2/23/95	NA
15	Prepare SOW	2d		2/23/95	2/24/95	2/23/95	2/24/95
16	Prepare & Evaluate Package	5d		2/27/95	3/3/95	2/27/95	3/3/95
17	Award Package	2d		3/6/95	3/7/95	3/6/95	3/7/95
18	Prepare IWCP	5d		3/8/95	3/14/95	3/8/95	3/14/95
19	Transportation Plan	5d		3/15/95	3/21/95	3/15/95	3/21/95
20	Arrange For Spec. Equipment	5d		3/22/95	3/28/95	3/22/95	3/28/95
21	Tent Modifications	13d		3/15/95	3/31/95	3/15/95	4/11/95
22	Receive Tanks	15d		4/3/95	4/21/95	4/13/95	5/3/95
23	Place & Install Tanks	15d		4/5/95	4/25/95	4/18/95	5/8/95
24	Install Vents	20d		4/10/95	5/5/95	4/21/95	6/15/95

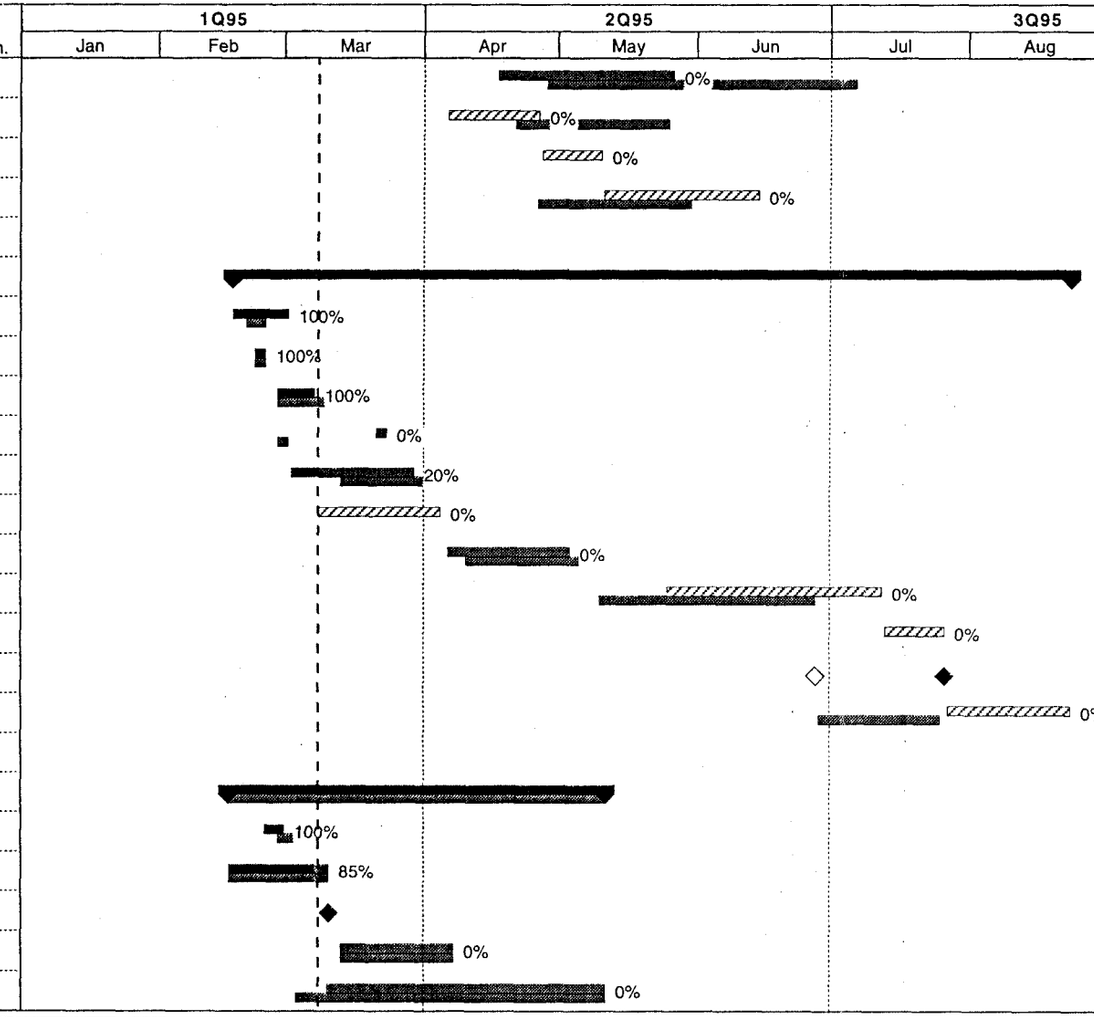


Project: Metal Containers
Date: 3/8/95

Planned — Critical — Critical Progress — Noncritical — Noncritical Progress — Planned Milestone — Milestone — Summary — Planned Rolled Up — Rolled Up

EMPTY METAL CONTAINERS

ID	Name	Dur	Resp.	Cur. Strt.	Cur. Fin.	Orig. Strt.	Orig. Fin.
25	Install Leak Detection	30d		4/17/95	5/26/95	4/28/95	7/6/95
26	Leak Test Tanks	15d		4/6/95	4/26/95	4/21/95	5/25/95
27	Construction Reserve	10d		4/27/95	5/10/95	NA	NA
28	Tanks Ready For Certification	25d		5/11/95	6/14/95	4/26/95	5/30/95
29							
30	OPERATION	134d	Boyle	2/17/95	8/23/95	2/20/95	NA
31	Review/Validate Existing Procedures	9d		2/17/95	3/1/95	2/20/95	2/24/95
32	Mobilize Subcontractor	3d		2/22/95	2/24/95	2/22/95	2/24/95
33	Secure Hoses/Equip In Tents	7d		2/27/95	3/7/95	2/27/95	3/10/95
34	Decant Tank 14	3d		3/21/95	3/23/95	2/27/95	3/1/95
35	Empty Metals into Existing Tanks	20d		3/2/95	3/29/95	3/13/95	4/7/95
36	Make Space For New Poly Tanks	20d		3/8/95	4/4/95	NA	NA
37	Transfer Sample Returns To Tanks	20d		4/6/95	5/3/95	4/10/95	5/5/95
38	Empty Metals into New Tanks	35d		5/25/95	7/12/95	5/10/95	6/27/95
39	Operation Reserve	10d		7/13/95	7/26/95	NA	NA
40	All C Pond Waste In Tanks	0d		7/26/95	7/26/95	6/27/95	6/27/95
41	Empty Clarifier	20d		7/27/95	8/23/95	6/28/95	7/25/95
42							
43	PERMITTING ITEMS	61d	London	2/16/95	5/11/95	2/16/95	5/11/95
44	Verify Change to Interim Status Not Requ	3d		2/24/95	2/28/95	2/27/95	3/3/95
45	Prepare Management Plan	17d		2/16/95	3/10/95	2/16/95	3/10/95
46	Issue Mgt Plan To CDHPE	0d		3/10/95	3/10/95	3/10/95	3/10/95
47	Revise Part B Permit	20d		3/13/95	4/7/95	3/13/95	4/7/95
48	Tank Certification	45d		3/10/95	5/11/95	3/3/95	5/11/95



Project: Metal Containers
Date: 3/8/95

Planned — Critical — Critical Progress — Noncritical — Noncritical Progress — Planned Milestone — Milestone — Summary — Planned Rolled Up — Rolled Up

5/5