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WBS: 1.2.6
QA: N/A

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Contract # DE-AC01-91-RW00134
LV.MG.PGJ.4/94-094

April 8, 1994

Mr. Don Horton
Director, Office of Quality Assurance
U. S. Department of Energy
101 Convention Center Drive, Ste. 660
Las Vegas, Nevada 89109

Subject: Status Update of M&O Design Control Improvement Plan
Action Items

Dear Mr. Horton:

This letter constitutes the weekly update for April 4-8, 1994 for action items associated with the M&O MGDS Design Control Improvement Plan.

There were no Action Items due to close this week. This letter will discuss only those Action Items which had activity during this reporting period. All Action Items are on track for closure on the dates indicated on the enclosed schedule.

If you have any comments or questions, please contact Phill Jones at 794-1829.

Sincerely,

Alden M. Segrest
MGDS Development Manager
Management and Operating Contractor

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Enclosure:

(1) Updated Improvement Plan Schedule

cc:

R. V. Barton, YMP, NV
M. B. Blanchard, YMP, NV
B. G. Cruz, M&O/TRW, Las Vegas, NV
J. R. Dyer, YMP, NV
L. D. Foust, M&O/TRW, Las Vegas, NV
T. C. Geer, M&O/DES, Las Vegas, NV
J. Gilray, NRC, Las Vegas, NV
P. S. Hastings, M&O/DES, Las Vegas, NV
N. W. Hodgson, M&O/TRW, Las Vegas, NV
P. G. Jones, M&O/TRW, Las Vegas, NV
B. R. Justice, M&O/DES, Las Vegas, NV
W. J. Leonard, M&O/FD, Las Vegas, NV
P. W. McKie, M&O/MK, Las Vegas, NV
R. A. Morgan, M&O/DES, Vienna, VA
J. L. Naaf, M&O/MK, Las Vegas, NV
M. F. Penovich, M&O/B&W, Las Vegas, NV
J. W. Peters, M&O/MK, Las Vegas, NV
E. H. Petrie, YMP, NV
P. A. Pimentel, M&O/FD, Las Vegas, NV
R. E. Powe, SAIC, Las Vegas, NV
J. M. Replogle, YMP, NV
M. S. Rindskopf, M&O/TRW, Las Vegas, NV
R. L. Robertson, M&O/TRW, Vienna, VA
R. P. Ruth, M&O/TRW, Las Vegas, NV
J. J. Salchak, M&O/FD, Las Vegas, NV
R. M. Sandifer, M&O/TRW, Las Vegas, NV
W. B. Simecka, YMP, NV
R. E. Spence, YMP, NV
C. T. Statton, M&O/WCFS, Las Vegas, NV
R. G. Vawter, M&O/TRW, Las Vegas, NV
M. D. Voegele, SAIC, Las Vegas, NV
J. L. Younker, M&O/TRW, Las Vegas, NV
S. W. Zimmerman, Carson City, NV
LRC

AMS:PGJ:lbg

MGDS Design Control Improvement Plan

Action	1993						1994					Status	Lead
	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May		
A1a. Provide immediate "importance of QA" briefing for MGDS Development	▼ 7/16											Complete	Foust Sandifer
A1b. Provide "importance of QA" briefing for all hands at Offsite Meeting	▼ 7/21											Complete	Foust Sandifer
A2. Establish Mgmt Steering Committee to monitor progress toward resolving issues		▼ 8/4										Complete	Foust
A3. Establish QA Working Committee for ensuring enhancements put in place.		▼ 8/5										Complete	Foust
A4. Develop/distribute action plan for near- and long-term corrective actions		▼ 7/30	▼ 8/13									Complete	Sandifer Geer
A5. Reinforce CCB Secretary's responsibility for ensuring completeness of change documentation.		▼ 8/2	▼ 8/13									Complete	Geer
B1. Complete ILP for revising RSN BFD.	▼ 7/28/30											Complete	Buckey
B2. Tabulate and collect copies of CRs/FCRs against JP 92-20, ESF Baseline, or Pkg 1A		▼ 7/26	▼ 8/5									Complete	Cruz
B3. Review CRs/FCRs for potential impact to BFD document changes req'd to BFD			▼ 8/3	▼ 8/13								Complete	Engwall Naaf
B4. Provide redline version of BFD incorporating changes per B3.			▼ 8/3	▼ 8/30								Complete	Engwall

▲ Pending

▼ Complete

◆ Ongoing

MGDS Design Control Improvement Plan

Action	1993						1994					Status	Lead	
	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May			
B5. Submit BCR per QAP-3-4 to request changes		▼ 8/30											Complete	Engwall
B6. Complete revision of RSN BFD and baseline changes		▼ 8/30	—————▼ 10/8										Complete	Naaf
C1. Review all current dwgs/specs against original JP92-20 and subsequent CRs/FCRs for errors	▼ 7/26	▼ 8/13											Complete	Engwall Naaf
C2. Process necessary changes as result of C1.		▼ 8/13	▼ 8/29/3										Complete	Engwall Naaf
C3. Review all CRs for procedural compliance prior to issuing change	▼ 7/26	—————▼ 10/12											Complete Refer to J1	Jackson
D1. Complete ILP for documenting and tracking TBDs/TBVs and begin tracking activities	▼ 7/26/30												Complete	Taipale Cruz
D2. Implement M&O TBD/TBV tracking system prior to first M&O package release	▼ 7/26		▼ 9/30	▼ 10/29									Complete	Cruz Leitner
E1. Evaluate need for ID review ILP based on new QAP for documenting reviews	▼ 7/26	▼ 8/5	▼ 8/20	▼ 9/10									Complete	Naaf Engwall
F1. Ensure QAP-2-3 is complete and approved by DOE.	▼ 7/26	▼ 8/30		▼ 10/29	▼ 11/25	▼ 12/17	▼ 1/7	▼ 1/28	▼ 2/18	▼ 3/4	▼ 3/31	▼ 4/15	Awaiting OQA ltr of approval	Hastings
F2. Develop ILPs or QAP revisions for identifying QA classification on dwgs/specs		▼ 8/10	▼ 8/30		▼ 10/29	▼ 12/3	▼ 1/7	▼ 1/21	▼ 2/11				Complete 01/21/94	Engwall Naaf

▲ Pending

▼ Complete

◆ Ongoing

MGDS Design Control Improvement Plan

Action	1993						1994					Status	Lead	
	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May			
F3. Implement QAP/ILPs prior to 1B/2A release			▲	▲	—————							▼	Complete	Engwall Naaf
F4. Implement QAP/ILPs on 1A as outputs are revised			▲	—————								▼	Complete	Engwall Naaf
G1. Review M&O traceability matrix/RSN CM report, etc. to identify best method		▼	▼										Complete	Rindskopf
G2. Resolve CI/arch def'n issues to ensure a basis for establishing traceability exists		▼	▼										Complete	Rindskopf
G3. Revise/create procedures for implementing traceability			▼	▼									Complete	Rindskopf
G4. Revise BFD as necessary			▼	—————		▲	▲	▲	▲	▼			Complete	Peters Leonard
G5. Revise dwgs/specs appropriately based on spec/dwg changes			▼	—————		▲	▲	▼					Complete	Engwall Naaf
H1. Develop ILP to formalize guidance on WI evaluations		▼	▼	▼									Complete	Yunker Houseworth
H2. Develop ILP to formalize guidance on TI evaluations.		▼	▼	▼									Complete	Statton Ritcey
I1. Tabulate & summarize open/closed CARs affecting or involving M&O design process		▼	▼										Complete	Jones

▲ Pending

▼ Complete

◆ Ongoing

MGDS Design Control Improvement Plan

Action	1993						1994					Status	Lead	
	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May			
I2. Establish MGDS point of contact for all CAR responses for MGDS Development	▼ 7/23												Complete	Sandifer
I3. Review outstanding actions to ensure timely completion.	▼ 7/25	▼ 8/13	—————				▼ 11/19						Complete	Jones
I4. Provide revision 1 of improvement plan			▼ 8/15										Complete	Geer Hastings
J1. Involve QA more proactively during design development	▼ 7/25	—————				▼ 11/19							Complete	Justice
J2. Invite DOE QA to review M&O design process	▼ 7/25	—————				▼ 11/19							Complete	Sandifer
J3. Implement systems conformance reviews involving SE, R&L, QA							▼ 1/27						Complete	Geer
K1. Letter on verbatim compliance		▼ 8/16											Complete	Foust Sandifer
L1. Evaluate process of procedure preparation and review	▼ 7/25	▼ 8/13											Complete	Hodgson
L2(a). Procedure review team to trial-run procedures	▼ 8/2	—————				▼ 1/31	▼ 2/16	▼ 3/23					Complete	Bailey
L2(b) All Procedures released to QRB										▼ 4/27				Bailey

▲ Pending

▼ Complete

◆ Ongoing

MGDS Design Control Improvement Plan

Action	1993						1994					Status	Lead
	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May		
L2(c) Implementation and Training of all Procedures Complete												5/25	Bailey
L3. Conduct training on procedures as appropriate												Complete	Penovich
L4. Add J. Schmit (OQA) to procedure review team												Complete	Hodgson
M1. Develop MGDS Design Manual												Complete	Jones
M2. Interface with FCR/CR working group to integrate recommendations												Complete	Pimentel
M3. Ensure manual reflects changes to CCB/CM process												Complete	Cruz
N1. Review Baseline Mgmt Plan for CM/des. cti. req'ts; map CM/des. cti. req'ts. to procedures												Complete	Hodgson Cruz
N2. Implement necessary changes from N1.												Complete (12/13)	Cruz
N3. Ensure process exists to track required changes to impacted documents												Complete	Cruz
O1. Incorporate relevant RSN BFD sections (1A) into M&O BFD; baseline change												Reschedule for FY95	Naaf Salchak

Pending

Complete

Ongoing

MGDS Design Control Improvement Plan

Action	1993						1994					Status	Lead
	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May		
O2. Revise RSN 1A dwgs/specs/calcs for new traceability; adopt as M&O products				→								Reschedule for FY95	Naaf Salchak
P1. Perform root cause analysis			▼	▼								Complete	Justice
P2. Include root cause analysis in related CAR documentation				▼	▼							Complete	Justice
Q1. Concur with DOE on scope of follow-up verification activities			▼	▼								Complete	Sandifer Petrie
Q2. Document plan and schedule for evaluations				▼								Complete	Segrest
Q3. Implement evaluations and document results						▼	▼	▼	▼	▼	▼	Complete	Segrest

▲ Pending

▼ Complete

◆ Ongoing