



**Consumers
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Company**

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December 2, 1983

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Mr J J Harrison
Midland Project Section
U S Nuclear Regulatory Commission
Region III
799 Roosevelt Road
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MIDLAND ENERGY CENTER GWO 7020
CRACK MAPPING MONITORING STATUS
File: 0485.16 UFI: 42*05*22*04 Serial: CSC-7057

On November 30, 1983, CPCo provided Region III with an update relative to crack mapping monitoring status. The attached chronology entitled Crack Mapping Status was used to explain the various significant actions/events associated with crack monitoring.

Prior to resuming soils work the following actions will be completed:

1. WJE procedures will be revised and reissued.
2. The specification will be revised and issued.
3. The PQCI's will be revised and issued.
4. The 57 NCR's will be closed.
5. The 3 QAR's will be resolved.

If you require any further information please advise our Mr. R. M. Wheeler.

J Mooney

JAM/RMW/klw

Attachment

PRINCIPAL STAFF			
RA*	DE	DPRP	
D/RA	DE		
A/RA	DRMSP		
RC	DRMA		
PAO	SCS		
GA	ML		
ENF	File		

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CRACK MAPPING MONITORING STATUS

<u>DATE</u>	<u>ITEM</u>	<u>CORRECTIVE ACTION</u>	<u>SCHEDULED RESOLUTION DATE</u>
10-31-83	Delay in WJE identifying alert level to RSE	QAR RS-00051 issued 10-31-83. Procedure revised, information put on printed form, and training of WJE personnel	11-29-83 closed
11-4-83	NIR #16 issued- WJE procedure not conforming to specification	QAR RS-00061 issued 11-9-83. WJE procedure not conforming to specification while work activities performed Procedures revised to bring procedure in compliance with specification	11-23-83
11-7-83	Review of crack mapping process indicated that QC/QA inspections and overview were incomplete for crack mapping	Complete QC Inspections Initiate QA over inspections Review procedure and PQCI to determine corrective action required such as: a. time restraint b. receipt of documents c. formal notification when mapping is requested Review all other PQCIs for similar problems with SCM-1.0	11-29-83 11-21-83

<u>DATE</u>	<u>ITEM</u>	<u>CORRECTIVE ACTION</u>	<u>SCHEDULED RESOLUTION DATE</u>
11-09-83	Initiate inspection process of crack mapping to bring up to date.		
11-11-83	Meeting with QA, QC, Resident Engineering, SMO to resolve crack mapping issues - discuss steps to be taken to resolve immediate issue and preclude recurrence.	Crack Mapping Action Item List issued to assign responsibilities.	
11-14-83	Reorganize QC Yard Group	Instructed QC inspection staff on the importance of crack mapping monitoring and the need to maintain inspection close to mapping time	11-14-83
		QC Yard Group Supervisor to be replaced	11-23-83

<u>DATE</u>	<u>ITEM</u>	<u>CORRECTIVE ACTION</u>	<u>SCHEDULED RESOLUTION DATE</u>
11-17-83	NIR #18 issued-Wall not properly marked	QAR RS-00069 issued for for walls not marked properly (Removal of "grafitti" removed crack mapping marks)	
	WJE procedures for crack mapping and SCN 13007 issued for review		
11-21-83	PQCI revision initiated for process controls and procedure revisions		12-1-83
11-22-83	Meeting CPCo, Soils Management, Resident Engineering, SMO, MPQAD Soils and Stone and Webster	Provide updated status of corrective action	
	Coordinated logging system for checking WJE mapping submittals to RSE and MPQAD Soils and establish completion dates	Complete MPQAD log and check status with RSE, log of crackmapping	11-29-83
11-23-83	NIR #19 issued-Lack of QA/QC inspection	QAR RS-00077 issued 11-29-83 lack of QA overinspection All other previous corrective action noted for QC corrective action.	

<u>DATE</u>	<u>ITEM</u>	<u>CORRECTIVE ACTION</u>	<u>SCHEDULED RESOLUTION DATE</u>
11-28-83	WJE Site Engineering Lead brought on site full time	Site Engineering Lead assigned full time to review monitoring activities and all data.	
11-29-83	QC completed all inspections for WJE mapping through October 1983	57 NCRs and 3 QARs issued by QC. Evaluate and resolve the nonconforming conditions.	
11-30-83	Prepare draft revision WJE crack mapping procedures and specification change notice	Revision of WJE crack mapping procedures to correct other deficiencies and NCR trend problems identified by MPQAD Soils.	