

RETENTION TIME Ret YES



REV. 4

PALO VERDE NUCLEAR GENERATING STATION UNITS 1, 2 & 3
CONSTRUCTION INSPECTION PLANNING
FOR CONCRETE PREPLACEMENT Q200M1
JOB NO. 16487

PAGE 1 OF 1
SPP/DCI
NO. 52.9

1. STRUCTURE Main Steam Support Structure 3. LOCATION/ELEVATION Fourback West Wall EL. 122'-0" to 126'-6"
2. UNIT NO. 1 4. PLACEMENT NO. Partial 5. SCHEDULED START 12/4/79
6. PERMANENT PLANT STRUCTURE YES ☒ NO ☐

7. ITEM NO.	ITEM	7.1 QUALITY CLASS	7.2 DRAWING NO., NCR'S	7.3 P.E.		7.4 SURVEY		7.5 G.C.E.	
				BY	DATE	BY	DATE	BY	DATE
1	FOUNDATION			RA	RA			RA	RA
2	JOINT PREP.		METHOD <u>Chipping</u>	TRW	12/4/79			(C)	12/4/79
3	FORMWORK/SCREEDS			TRW	12/4/79	PL	12/4/79	(C)	12/4/79
4	REBAR	Q	13-C-2CS-701-4	TRW	12/4/79	PL	12/4/79	(C)	12/4/79
5	CADWELDS	RA	RA	RA	RA			RA	RA
6	EMBEDS	Q	13-C-2CS-701-7 13-C-2CS-708-7	TRW	12/4/79	PL	12/4/79	(C)	12/4/79
7	STRUCT. STEEL	RA	RA	RA	RA	RA	RA	RA	RA
8	ELECTRICAL	N/A	N/A	N/A	12/4/79	N/A	12/4/79	N/A	12/4/79
9	PIPING	MA	MA	MA	12/4/79	MA	12/4/79	MA	12/4/79
10	TENDONS/TRUMPLATES	RA	RA	RA	RA	RA	RA	RA	RA
11	LINER PLATE	RA	RA	RA	RA	RA	RA	RA	RA
12	FIELD WELDS	N/A	N/A	N/A	12/4/79	N/A	12/4/79	N/A	12/4/79
13	PLACING FACIL.			TRW	12/4/79			(C)	12/4/79
14	FINAL CLEAN-UP			TRW	12/4/79			(C)	12/4/79
15	OTHER	RA	RA	RA	RA	RA	RA	RA	RA

8. CONCRETE CLASS C-1 POZZOLAN Yes APPROVAL RA P.E. TRW DATE 12/4/79
9. CADWELD AS-BUILT FOR'S RA 10. PLACEMENT RATE 4 ft / hour

11. REMARKS Ref. NCR-C-X-1642 Qu x 6 ft

12. (CIRCLE ONE) ACCEPTANCE: P.E. (C.C.E.) DATE DEC. 4, 1979

00108 2466

JB 1-2480



REV. 8

PALO VERDE NUCLEAR GENERATING STATION UNITS 1, 2 & 3
CONSTRUCTION INSPECTION PLANNING FOR
CONCRETE PLACEMENT
JOB NO. 18407

Q225440

PAGE 1 OF 1

WPP/OCI
NO. 51.0

1. STRUCTURE Main Steam Support Structure QUALITY CLASS 9 2. LOCATION/EL West Wall Elevation
3. UNIT NO. 1 4. CONCRETE MIX NO. C-1 w/p 28 5. SPEC NO. 13-CM-345 REV. 8 6. 11 FOR 11
7. PLACEMENT NO. Partial (Rear Wall) 8. ENG DWG NO. 13-CZCS-705 REV. 6 DCN 11 FOR 11
9. SCH START DATE 12/1/79 FE INIT. / OCE STAMP AND DATE TO VERIFY "CIP FOR CONCRETE
PREPLACEMENT" HAS BEEN COMPLETED 12/1/79 DATE: 12/1/79

10. PLACING DATA

TIME	MIX NO.	NO. CY	PLACING METHOD	REMARKS
1655	<u>C-1</u>	<u>1</u>	<u>PUMP TRUCK</u>	
1655	<u>C-1</u>	<u>1</u>	<u>"</u>	

11. RECORD OF WASTE AT PLACEMENT N/A12. DELAYS OR DOWNTIME N/A

TIME	MIX NO.	NO. CY	REASON	TIME	REASON
				START	END

13. FINISHING TYPE: Vibration14. CURING METHOD: Moist14A. DATE STARTED DEC 4 1979

15. OCE STAMPS/FE INITIALS SIGNIFYING ITEMS LISTED BELOW HAVE BEEN INSPECTED AND ARE ACCEPTABLE.

1. VERIFY CONCRETE PLACED IN ACCORDANCE WITH APPLICABLE SPECIFICATIONS (10)
2. VIBRATORS CHECKED FOR PROPER OPERATION AND NUMBER OF SPARES (10)
3. FORMS CHK'D DURING PLACEMENT FOR LINE GRADIENT MOVEMENT QUESTIONABLE AREAS
CHK'D BY SURVEY (10)

4. CONCRETE TEST DATA LOG ATTACHED (10)

16. GENERAL COMMENTS

17. OCE/FE ACCEPTANCE

DATE

JAN 20 1980

2461
00108



REV. 4

PAULO VERDE NUCLEAR GENERATING STATION UNITS 1, 2 & 3
CONSTRUCTION INSPECTION PLANNING FOR
CONCRETE POST-PLACEMENT
JOB NO. 10407

RETENTION TIME 21 YRS

PAGE 1 OF 1

WPP/DCI
NO. 14.8

1. DATE 12/4/79 2. UNIT NO. 1 3. PLACEMENT COMPLETED DATE 12/4/79
4. STRUCTURE MSSS 4.1 D-70 NO. 13-C-ZCS-701-4 5. PLACEMENT NO. 1MOS Partial
6. TYPE FINISH Vibrator 7. TYPE CURE Moist (MURDER)

6. FINISHING

ITEM	FF/DCI	
	ACCEPT	DATE
<u>C. J.</u>	<u>(1)</u>	<u>12-5-79</u>

6. DAILY CURE RECORD CURE STARTED DATE DEC 4 1979

DAYS COMPLETE	TEMPERATURE °F		WEATHER	REMARKS	FF/DCI	
	LOW	HIGH			ACCEPT	DATE
<u>1</u>	<u>42</u>	<u>88</u>	<u>CLEAR</u>		<u>(1)</u>	<u>12-5-79</u>
<u>2</u>	<u>42</u>	<u>88</u>	<u>CLEAR</u>		<u>(1)</u>	<u>12-6-79</u>
<u>3</u>	<u>40</u>	<u>90</u>	<u>CLEAR</u>		<u>(1)</u>	<u>12-7-79</u>
<u>4</u>	<u>42</u>	<u>93</u>	<u>CLEAR</u>		<u>(1)</u>	<u>12-8-79</u>
<u>5</u>	<u>41</u>	<u>91</u>	<u>CLEAR</u>		<u>(1)</u>	<u>12-9-79</u>
<u>6</u>	<u>40</u>	<u>85</u>	<u>CLEAR</u>		<u>(1)</u>	<u>12-10-79</u>
<u>7</u>	<u>42</u>	<u>80</u>	<u>P. CLOUDY</u>		<u>(1)</u>	<u>12-11-79</u>

10. FORMS LOOSENEED DATE 12-6-79 11. FORMS REMOVED DATE 12-6-7912. CONCRETE REPAIRS REQ: ☐ YES ☒ NO 13. CURE RECORD FOR CONCRETE REPAIRS

TYPE	FF/DCI		TYPE CURE	DATE		DCI	
	ACCEPT	DATE		START	COMP.	ACCEPT	DATE

14. HOT WEATHER: CURING PROCEDURES USED SATISFACTORILY

N/A

COLD WEATHER: CURING PROCEDURES USED SATISFACTORILY

N/A

NORMAL WEATHER: CURING PROCEDURES USED SATISFACTORILY

(1)

15. INSERT PLATES FOR PROPER ANCHOR BOLT THREAD ENGAGEMENT.

N/A

12-13-79

16. REMARKS:

17. FF/DCI ACCEPTANCE



DATE:

MAR 17 1980

30103 2468



REV. 4

PALO VERDE NUCLEAR GENERATING STATION UNITS 1, 2 & 3
CONSTRUCTION INSPECTION PLANNING FOR
CONCRETE POST-PLACEMENT
JOB NO. 10407

PAGE 1 OF 1

WPP/OCI
NO. 54.9

1. DATE 11-12-79 2. UNIT NO. 1 3. PLACEMENT COMPLETED DATE 11/12/79
4. STRUCTURE MSSS 4.1 DWS NO. 13-C-ZCS-701-4 PLACEMENT NO. WMO5 FIM013
5. TYPE FINISH Vibrator - STF @ DOWELWAY 7. TYPE CURE Moist Cure

8. FINISHING

ITEM	FE/OCCE	
	ACCEPT	DATE
<u>T.O.C.</u>	<u>(3)</u>	<u>11-10-79</u>

9. DAILY CURE RECORD CURE STARTED DATE 11-12-79

DAYS COMPLETE	TEMPERATURE °F		WEATHER	REMARKS	FE/OCCE	
	LOW	HIGH			ACCEPT	DATE
<u>1</u>	<u>42</u>	<u>91</u>	<u>12-12-79</u>		<u>(3)</u>	<u>11-12-79</u>
<u>2</u>	<u>44</u>	<u>81</u>	<u>CLEAR</u>		<u>(3)</u>	<u>11-14-79</u>
<u>3</u>	<u>46</u>	<u>91</u>	<u>CLEAR</u>		<u>(3)</u>	<u>11-15-79</u>
<u>4</u>	<u>44</u>	<u>91</u>	<u>CLEAR</u>		<u>(3)</u>	<u>11-16-79</u>
<u>5</u>	<u>46</u>	<u>91</u>	<u>CLEAR</u>		<u>(3)</u>	<u>11-17-79</u>
<u>6</u>	<u>48</u>	<u>90</u>	<u>CLEAR</u>		<u>(3)</u>	<u>11-18-79</u>
<u>7</u>	<u>50</u>	<u>64</u>	<u>CLEAR</u>		<u>(3)</u>	<u>11-19-79</u>

10. FORMS LOOSENED DATE 11/14/7911. FORMS REMOVED DATE 11/14/7912. CONCRETE REPAIRS REQ: ☒ YES ☐ NO

13. CURE RECORD FOR CONCRETE REPAIRS

TYPE	FE/OCCE		TYPE CURE	DATE		OCCE	
	ACCEPT	DATE		START	COMP.	ACCEPT	DATE
<u>POUR BACK</u>	<u>(3)</u>	<u>12-12-79</u>	<u>MOIST</u>	<u>11-12-79</u>	<u>12-12-79</u>	<u>(3)</u>	<u>12-12-79</u>
<u>POUR BACK</u>	<u>(3)</u>	<u>12-12-79</u>	<u>MOIST</u>	<u>11-12-79</u>	<u>12-12-79</u>	<u>(3)</u>	<u>12-12-79</u>

14. HOT WEATHER: CURING PROCEDURES USED SATISFACTORILY

N/A

COLD WEATHER: CURING PROCEDURES USED SATISFACTORILY

N/A

NORMAL WEATHER: CURING PROCEDURES USED SATISFACTORILY

(3)

DEC 3 79

15. INSERT PLATES FOR PROPER ANCHOR BOLT THREAD ENGAGEMENT.

(3)

12-12-79

16. REMARKS:

NCR C-X-1642

17. FE/OCCE ACCEPTANCE

(3)

DATE: 11-17-79

ATTENTION TO THE

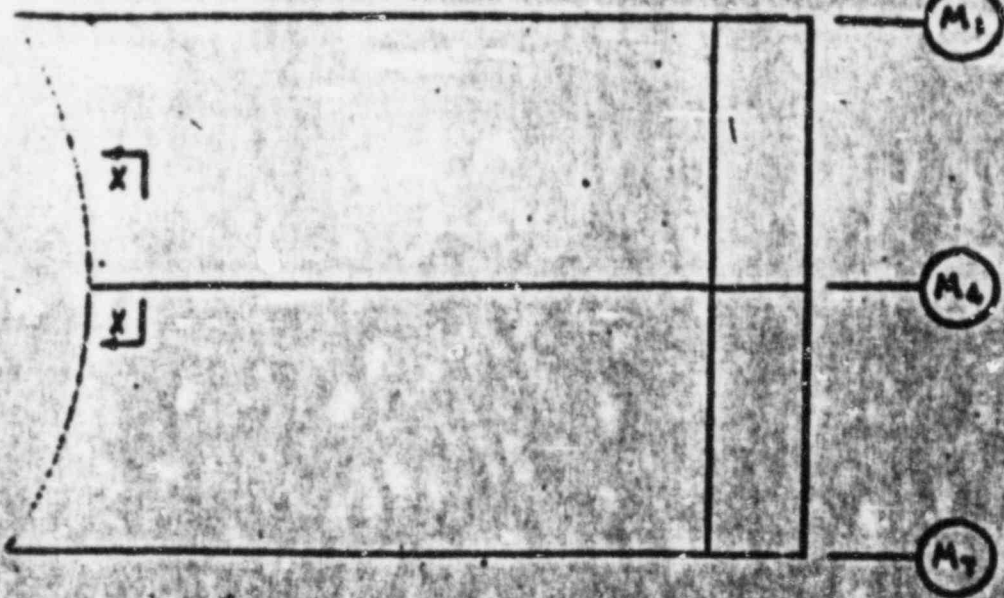
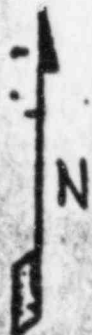
John Warner

(Wind: 1 + 1 + 1)

2. list

[illegible]

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17



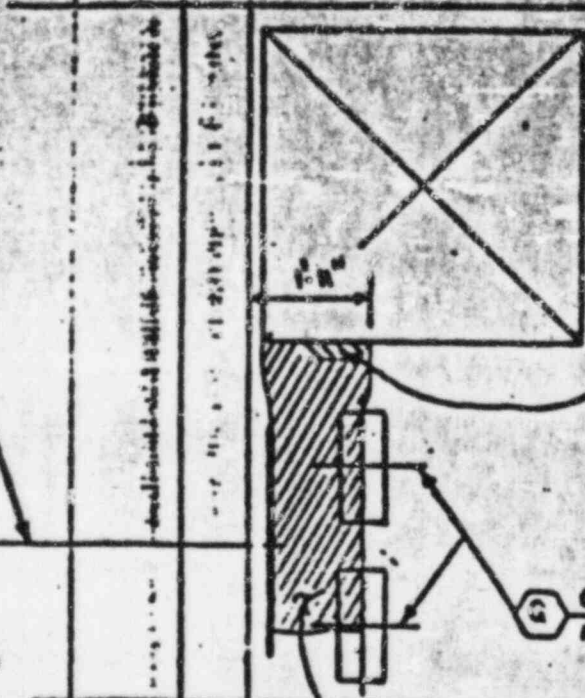
2,47'0"

0'0'10'6"

M4

124'3"
E.M.F.

120'0"



Void Completely Through Wall

Void Approx 10"
Deep

EL 127'0"
EL 122'0"

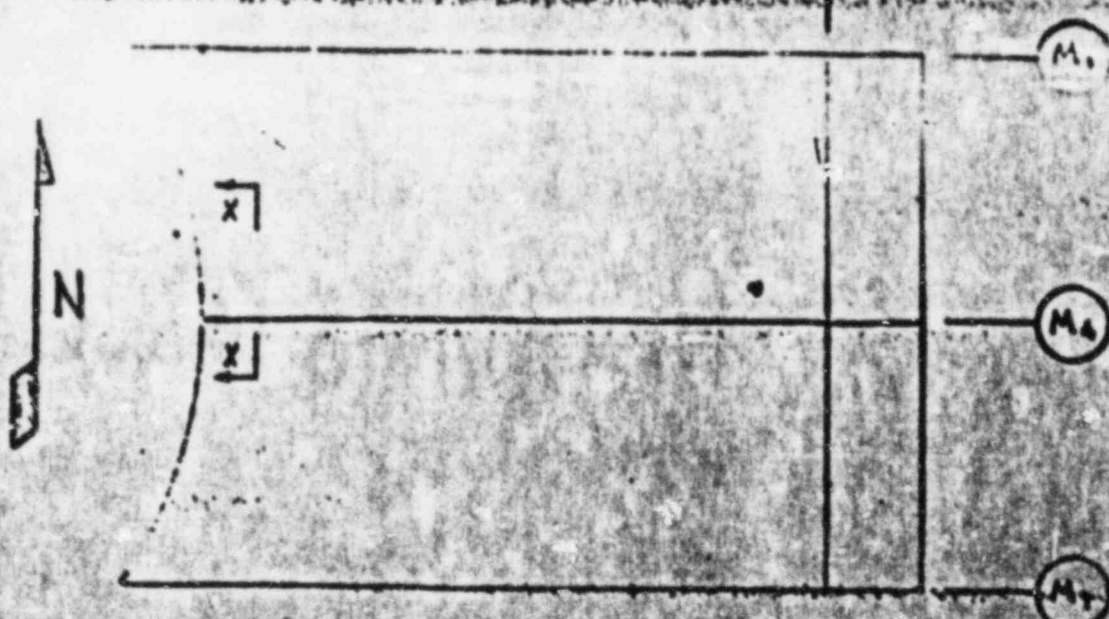
SECTION

0
705

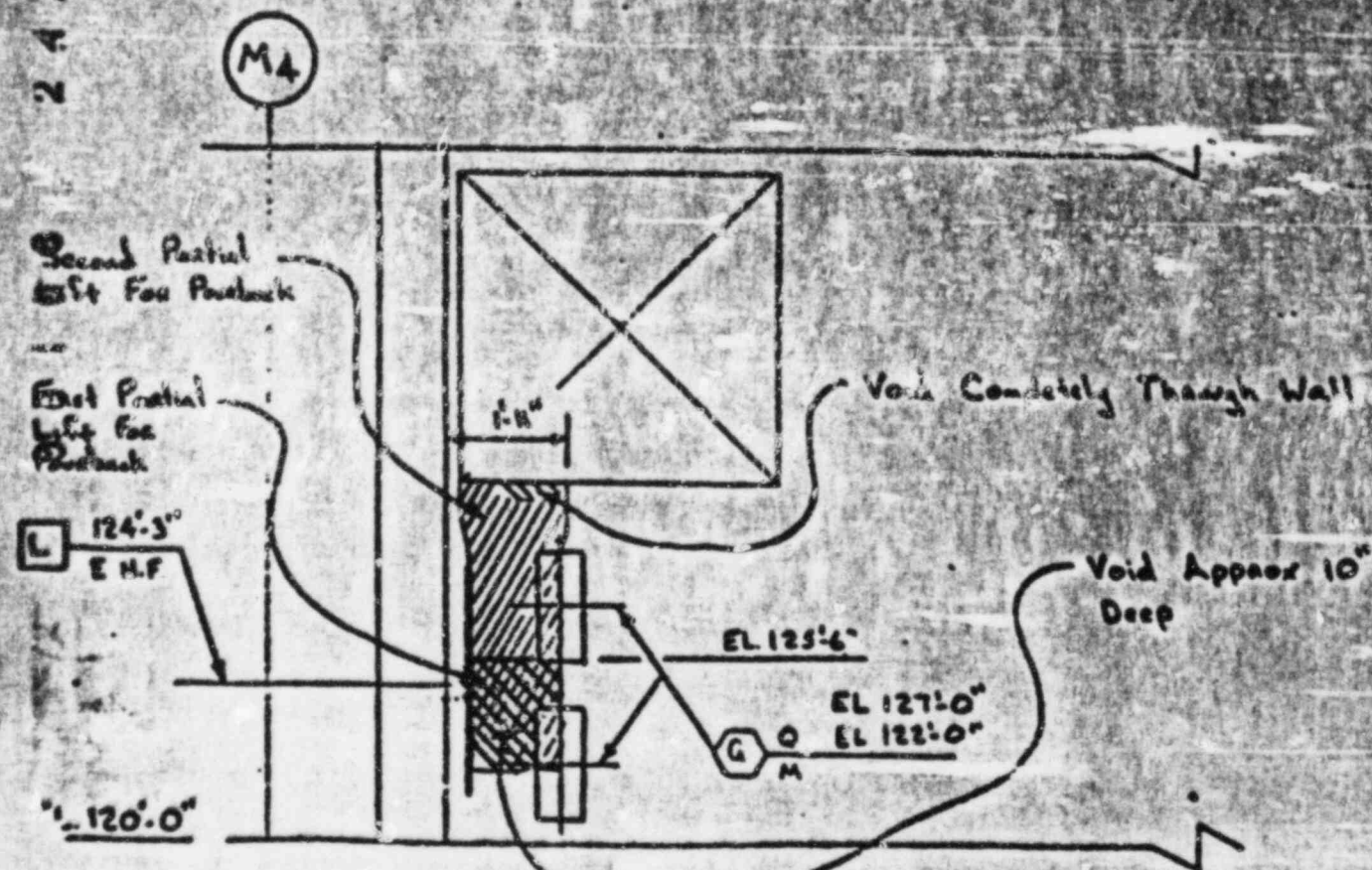
M4
QAF

023544 0

RETENTION TIME 27.000



2471



SECTION O
705

EPC
17
ONE



REV. 4

PALO VERDE NUCLEAR GENERATING STATION UNIT 1, 2 & 3
CONSTRUCTION INSPECTION PLANNING
FOR CONCRETE PREPLACEMENT
JOB NO. 10407

ATTENTION TIME 2-2 VRS

94-5930

PAGE 1 OF 1

SPP/DCI
NO. 22.0

1. STRUCTURE Main Steam Support Structure 2. LOCATION/ELEVATION Flowback West Wall EL. 125.6" To 129.4"
3. UNIT NO. 1 4. PLACEMENT NO. 1 MOOR (Purbeck Partial) 5. SCHEDULED START 12/5/79

6. PERMANENT PLANT STRUCTURE

YES ☒ NO ☐

7. ITEM NO.	ITEM	7.1 QUALITY CLASS	7.2 DRAWING NO., NCR'S	7.3 F.E.		7.4 SURVEY		7.5 O.C.E.	
				BY	DATE	BY	DATE	BY	DATE
1	FOUNDATION			NA	NA			NA	NA
2	JOINT PREP.		METHOD <u>Chipping</u>	FW	12/4/79			(C)	12/5/79
3	FORMWORK/SCREEDS			FW	12/4/79			(C)	12/5/79
4	REBAR	Q	13-C-2CS-701-4	FW	12/4/79			(C)	12/5/79
5	CADWELDS	NA	NA	NA	NA			NA	NA
6	EMBEDS	Q	13-C-2CS-707-7 13-C-2CS-708-7	FW	12/4/79			(C)	12/5/79
7	STRUCT. STEEL	NA	NA	NA	NA	NA	NA	NA	NA
8	ELECTRICAL	N/A	N/A	N/A	12/4/79	N/A	NA	N/A	NA
9	PIPING	NA	NA	GW	12/4/79	1-4	12/4/79	NA	12/4/79
10	TENDONS/TRUMPLATES	NA	NA	NA	NA	NA	NA	NA	NA
11	LINER PLATE	NA	NA	NA	NA	NA	NA	NA	NA
12	FIELD WELDS	N/A	N/A	N/A	12/4/79			N/A	12/4/79
13	PLACING FACIL.			FW	12/4/79			(C)	12/5/79
14	FINAL CLEAN-UP			FW	12/4/79			(C)	12/5/79
15	OTHER	NA	NA	NA	NA	NA	NA	NA	NA

8. CONCRETE CLASS P-1 POZZOLAN Yes APPROVAL NA F.E. FW DATE 12/4/79
9. CADWELD AS-BUILT FOR'S NA 10. PLACEMENT RATE 4ft/hour

11. REMARKS Ref NCR-C-X-1642

Qua. $\approx 1054^3$



12. (CIRCLE ONE)

ACCEPTANCE:

F.E.

DATE 12-5-79



REV. 3

PALO VERDE NUCLEAR GENERATING STATION UNIT 1, 2, 3
CONSTRUCTION INSPECTION PLANNING FOR
CONCRETE PLACEMENT
JOB NO. 10407

RETENTION

0223430

PAGE 1 OF 1

WPP/QCI
NO. 83.8

1. STRUCTURE MSSS QUALITY CLASS Q 2. LOCATION/ELEV West Wall FL 1256'
3. UNIT NO. 1 4. CONCRETE MIX 10005 SPEC NO. 13-CM-305 REV 0 DCN NA PCB NA
5. PLACEMENT NO. 10005 7. ENG DWG NO 13-C-265-705 REV 6 DCN NA PCB NA
6. SCM START DATE 12/5/79 VE INIT. / QCE STAMP AND DATE TO VERIFY "CM FOR CONCRETE
PREPLACEMENT" HAS BEEN COMPLETED DATE 12/5/79

10. PLACING DATA

TIME	MIX	NO.	PLACING	REMARKS
BY	END	NO.	METHOD	
3230	3230	B-1	1	BUCKET

11. RECORD OF WASTE AT PLACEMENT

12. DELAYS OR DOWNTIME

TIME	MIX	NO.	REASON	TIME	REASON
	NO.	NO.		START	END
			N/A		

13. FINISHING TYPE: Steel Travel 8" Dia. Opag.14. CURING METHOD: Moist

15A. DATE STARTED

12-5-79

15. QCE STAMP/FE INITIALS. SIGNIFYING ITEMS LISTED BELOW HAVE BEEN INSPECTED AND ARE ACCEPTABLE.

1. VERIFY CONCRETE PLACED IN ACCORDANCE WITH APPLICABLE SPECIFICATIONS (83)
 2. VIBRATORS CHECKED FOR PROPER OPERATION AND NUMBER OF SPARES (83)
 3. FORMS CHK'D DURING PLACEMENT FOR LINE GRADE & MOVEMENT QUESTIONABLE AREAS (83)
- CHK'D BY SURVEY

4. CONCRETE TEST DATA LOG ATTACHED (83)

16. GENERAL COMMENTS

17. QCE/FE ACCEPTANCE

DATE:

JUL 20 80

00106 2478



REV. 4

PAID VERDE NUCLEAR GENERATING STATION UNIT 1, B & Y
CONSTRUCTION INSPECTION PLANNING FOR
CONCRETE POST-PLACEMENT
JOB NO. 19407

RETENTION TIME 2 YRS

PAGE 1 OF 1

WPP/DCI
NO. 54.9

1. DATE 12/6/79 2. UNIT NO. 1 3. PLACEMENT COMPLETED DATE 12/6/79
4. STRUCTURE MSSS 4.1 DWG NO. 13-CZCS-701-4 5. PLACEMENT NO. 1M005 Port 1
6. TYPE FINISH Steel Travel 8" Dia Opng. 7. TYPE CURE Moist

8. FINISHING

ITEM	FE/DCI	
	ACCEPT	DATE
<u>T.O.C.</u>	<u>(Signature)</u>	<u>12-6-79</u>

9. DAILY CURE RECORD CURE STARTED DATE 12-5-79

DAYS COMPLETE	TEMPERATURE °F		WEATHER	REMARKS	FE/DCI	
	LOW	HIGH			ACCEPT	DATE
1	42	88	CLEAR		<u>(Signature)</u>	<u>12-6-79</u>
2	40	90	CLEAR		<u>(Signature)</u>	<u>12-7-79</u>
3	42	93	CLEAR		<u>(Signature)</u>	<u>12-8-79</u>
4	41	91	CLEAR		<u>(Signature)</u>	<u>12-9-79</u>
5	40	85	CLEAR		<u>(Signature)</u>	<u>12-10-79</u>
6	42	80	P.CLOUDY		<u>(Signature)</u>	<u>12-11-79</u>
7	38	68	P.CLOUDY		<u>(Signature)</u>	<u>12-12-79</u>

10. FORMS LOOSENEED DATE 12-6-79 11. FORMS REMOVED DATE 12-6-7912. CONCRETE REPAIRS REQ: ☐ YES ☒ NO

13. CURE RECORD FOR CONCRETE REPAIRS

TYPE	FE/DCI		TYPE CURE	DATE		DCI	
	ACCEPT	DATE		START	COMP.	ACCEPT	DATE

14. HOT WEATHER: CURING PROCEDURES USED SATISFACTORILY

N/A

COLD WEATHER: CURING PROCEDURES USED SATISFACTORILY

N/A

NORMAL WEATHER: CURING PROCEDURES USED SATISFACTORILY

(Signature)12-13-79

15. INSERT PLATES FOR PROPER ANCHOR BOLT THREAD ENGAGEMENT.

N/A

16. REMARKS:

17. FE/DCI ACCEPTANCE

DATE:

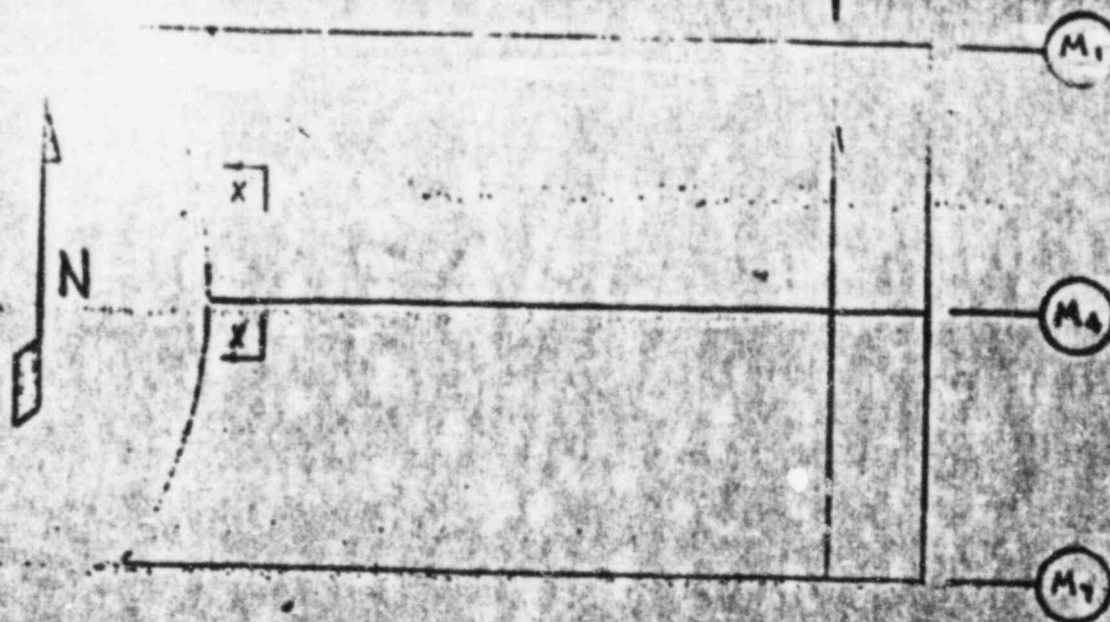
JAN 17 '80

PP-1450 (10407)

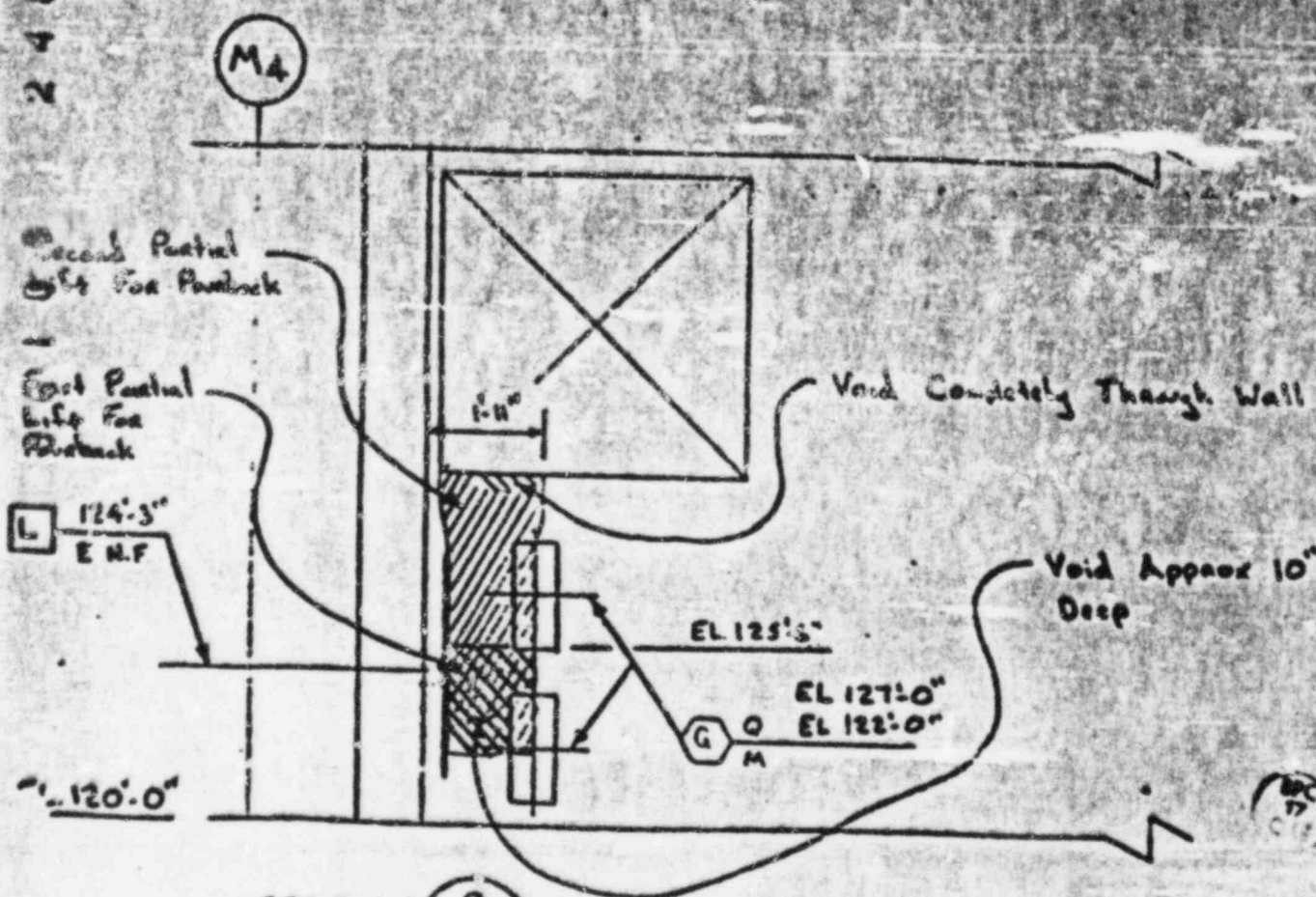
EXHIBIT 54.0-1

30108 2479

RETENTION TIME 21 YRS
Q225430



2480



SECTION

O
705