		FA VERDE NUCLEAR GENERATING STATION		WPP <input type="checkbox"/>	QCI <input type="checkbox"/>
TITLE -		CABLE TERMINATIONS		NO. 255.0	REV 10
				PAGE 1	OF 5
				ISSUED 7/19/76	
				REVISED 4/2/82	
WPP	QCI				
<i>[Signature]</i>		<i>[Signature]</i>		<i>[Signature]</i>	

1.0 PURPOSE

- 1.1 This document establishes a work procedure and inspection plan for the installation of electrical cable terminations and for assuring compliance with all applicable drawings.

2.0 DEFINITIONS

- 2.1 Abbreviations, terms and definitions most commonly used in this procedure are contained in WPP/QCI No. 1.0.

3.0 REFERENCES

- 3.1 Circuit Schedule.
- 3.2 ANSI N45.2.4-1972 (IEEE-336-1971) Installation Inspection.
- 3.3 PSAR Vol. XIV Section 8.0, Subsection 8.3.1.5 on page 8-3-62.
- 3.4 Installation Specification 13-EM-306.

4.0 QUALITY CONTROL REQUIREMENTS

- 4.1 The TE shall notify the responsible QCE prior to any Quality Class "Q" and associated cable terminations. The "Termination Inspection Record" (TIR) (Exhibit 255.0-2) shall be used to document the inspection.
- 4.1.1 Associated cables are Non-Class IE circuits that share power supplies, enclosures, or raceways with class IE circuits or are not physically separated from class IE circuits by acceptable separation distance or barriers.
- 4.2 Quality Class "R" and "S" excluding associated cable terminations will be selected at random by the TE for his examination. The "TIR" (Exhibit 255.0-2) shall be used to document the examination. The responsible TE shall determine the number of terminations to be examined and shall adjust the percent of surveillance to provide reasonable assurance of proper terminations.

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TITLE -

CABLE TERMINATIONS

W/P/F ☐QCI ☐


NO. 255.0

REV

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5.0 GENERAL

- 5.1 The terminations shall be inspected in accordance with Appendix I, and the results documented on the "Termination Inspection Record", (Exhibit 255.0-2).
- 5.2 Prior to and after cable termination, visually inspect (examine) termination cabinets for damage to nearby equipment, cables, or connectors.
- 5.3 For motors 20 horsepower and above all motor leads shall be checked with a phase rotation meter for correct identification. When any motors are found to have incorrect phasing, field may reidentify Vendor motor leads to insure proper rotation.
- 5.3.1 Any motor operated valve (MOV) which has been received without identification on the motor leads or terminal points shall have its terminal points or motor leads tagged or labeled with a marker. This marking process shall be carried out only after identifying these leads from the latest Vendor drawings.
- 5.4 After the termination has been accepted by the QCE for Quality Class "Q" and associated cables, the original of the "Control and Tracking System Termination Installation Card" shall be forwarded to the DCC for file. All Quality Class "R" and "S" cards (excluding those for associated cable) shall be maintained in the Electrical FE's files.
- 5.5 In the event a design change from Home Office Engineering occurs, or any cause for rework (e.g. NCR, DCP, etc.), after cable termination has been made, the following criteria shall apply:
- 5.5.1 Issue a new control and tracking system termination installation card with instructions to the field to rework cable termination. The rework document number shall be entered in the "remarks" section of the TIR.
- 5.5.2 Document inspection of cable termination rework on the new card and attach old card for permanent record of installation.
- 5.6 When schedule does not permit waiting for a termination installation card to be computer printed; the TE shall handwrite/type a card providing all necessary information. After completion of termination the handwritten card shall be held by the TE pending receipt of the computer printed card. Inspection acceptance shall be indicated on the computer printed card. The two (2) cards shall be kept stapled together.

	TITLE - CABLE TERMINATIONS	D VERDE NUCLEAR GENERATING STAT. 4	
		WP/P <input type="checkbox"/>	QCI <input type="checkbox"/>
		NO. 255.0	REV 10
PAGE 3		OF 6	

5.0 GENERAL (con't)

- 5.7 When phasing tape is used to identify the conductors of a power cable, the following convention will be used: One three conductor cable: AØ black, BØ white, CØ red. Three single conductor cables: AØ black, BØ red, CØ blue.

6.0 INSTALLATION

- 6.1 The "Control and Tracking System Termination Installation Card" shall be the basis of all associated field construction activities.
- 6.2 The TE shall review all cards for accuracy and completeness prior to issue.
- 6.3 The TE's shall review installation Spec. 13-EM-306 for specific termination requirements and copies of referenced associated documents of purchase order 13-EM-106 and transmit information to supervision for direction to crafts.
- 6.3.1 The annunciator and computer field cable terminations shall be completed using nylon screws and washers. When nylon screws and washers are used, the TE or his designee shall enter the following in the "Remarks" section of all termination cards: "Nylon screws and washers used". The TE shall initial and date, QCE stamp and date. The TE or his designee shall be responsible to collect all the normal terminal block screws on the field side, place them in a plastic/cloth bag. Bags will be clearly labeled as to which piece of equipment they were taken from and be turned over to the Engineering Coordination Supervisor or his designee. Startup shall be responsible to return the terminations to the normal installation configuration.
- 6.4 Upon completing the termination, the superintendent, or his designee, shall assure that the signature of the installer, badge number, and date has been entered in the appropriate space signifying satisfactory completion of termination. In addition, the serial number of crimp tool(s) used to make terminations shall be recorded on the front of the card (Exhibit 255.0-1) by the installer. The Superintendent shall then return the "TIR" to the TE for his completion.



TITLE -

CABLE TERMINATIONS

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REV

1.0

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6

5.0 GENERAL (con't)

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		WPP/QCI	QCI
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6.0 INSTALLATION (con't)

- 6.4.1 Termination Engineer shall enter in remarks column the specific type of termination or splice kit and lot number whenever a 5 or 15KV heat shrink kit is used.
- 6.4.2 After the TE completes his portion of the "TIR" all Quality Class "Q" and associated "TIR"s will be routed to the QCE for his completion.
- 6.5 When the terminations have been completed, the TE and/or QCE will initial/stamp the appropriate blocks on the TIR and it will be processed for filing per para. 5.4 of this procedure. In the event the card is only partially completed due to work suspension, it will be returned to the TE and suspense filed until the work can be scheduled for completion. When rescheduled the same requirements specified by para. 4.1, 4.2, and other applicable paragraphs of this procedure will be in effect.
- 6.6 In the event a Quality Class "Q" or associated termination is found unacceptable the QCE shall place an asterisk (*) by the discrepant item in the QCE column and an asterisk (*) in the remarks section of the TIR with a brief description of the anomaly, his initials, and the date. The TIR shall then be returned to the TE for rework.
 - 6.6.1 After the rework has been completed satisfactorily the TE shall initial and date the statement in the remarks section and the TIR returned to the QCE for reinspection. If the reinspection results are acceptable, the QCE will stamp the item in the QCE column and the TIR shall be closed out (Ref. para. 5.4). If the reinspection results are unacceptable the nonconformance will be documented on an NCR per WPP/QCI No. 5.0, and the NCR number noted in the remarks, section of the TIR. The TIR will then be routed to the TE for suspense filing until the NCR is resolved and the TIR can be closed by the QCE.
- 6.7 When terminations for equipment and/or motor heater leads can not be completed due to temporary power being connected the following shall apply:
 - 6.7.1 The field shall form cable and install the permanent terminal lugs on field run cable. All required mounting hardware such as screws, nuts, bolts, etc., shall be attached to the ends of field run cable for final installation at a later date by others. The installed

	TITLE - CABLE TERMINATIONS	LO VERDE NUCLEAR GENERATING STATION	
		WFP <input type="checkbox"/>	OCI <input type="checkbox"/>
		NO. 255.0	REV 10
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6.0 INSTALLATION (con't)

6.7.1 (con't) lugs shall be protected from touching any temporarily energized circuit by taping lugs and tying cable away from energized connections. If temporary power source is connected to Vendor supplied pig-tailed leads, the field shall disconnect the temporary power leads and install the permanent lugs to Vendor supplied leads if required.

NOTE: Ensure that power has been turned off and tagged at the source before disconnection of temporary power.

6.7.2 Reconnect the temporary power leads to the Vendor heater leads and re-energize heater circuit with temporary power source. The Termination Engineer shall note in the remarks section on the back of the termination inspection record (TIR) any terminations not completed due to temporary power hook-up. All terminations meeting this criteria shall be entered into the EE580 as construction partial (CP), but not field inspected (FI). The person responsible for making the actual permanent connection shall request the termination EE580 card from the Lead Termination Engineer (TE) and sign at the bottom of the card when connection is complete. At this time, the termination will be advanced to the construction complete status (CC) and the secondary status of field inspected (FI) will be added. When the permanent termination is complete, the TIR shall be processed for filing per paragraph 5.4 of this procedure.

6.8 Jumpers shall be installed as indicated on the jumper termination cards, L for left side of termination block and R for right side of termination block. If no side is indicated on the termination card, terminate jumper on field side of block provided no more than two (2) wires are terminated at any one terminal point. The Termination Engineer shall have the option to authorize installing jumpers on Vendor or internal side of terminal block to avoid more than two (2) wires on one field side terminal point.

6.9 For jumper wire the Termination Engineer (TE) shall have the option of using wire equivalent to or better than A17 cable code, which is indicated on the TIR, and of a greater number of strands.



TITLE -

VERDE NUCLEAR GENERATING STATION

CABLE TERMINATIONS

WPP/QCI

DCI

NO. 255.0

REV

PAGE 6

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7.0 ATTACHMENTS

- 7.1 Exhibit 255.0-1 (Rev. 1) "Control and Tracking System Termination Installation Card." (front)
- 7.2 Exhibit 255.0-2 (Rev. 5) "Termination Inspection Record." (back)
- 7.3 Appendix I "Instructions for the preparation of the Termination Inspection Record."

8.0 INCORPORATED PCN'S

- 8.1 Revision 10 to WPP/QCI incorporated PCN No. 18, 19, 22, 23, and 26. PCN No. 22 superseded PCN No. 21.
- 8.2 Revision 8 to Appendix I incorporated PCN No. 20, 24 and 25.

Exemption 4

REV.	DESCRIPTION	DATE	QCN	DATE	QCN	DATE	QCN
1.00	FLEX CIRCUIT INSTALLED, IF REQUIRED.						
2.00	TERMINATION PER "CONTROL & TRACKING SYSTEM TERMINATION INSTALLATION CARD".						
3.00	TERMINATION PER SPEC. 13-EH-106, REV. (EXCLUDING TESTING).						
4.00	TERMINATION PER SPEC. 13-EH-106, REV. (EXCLUDING TESTING).						
5.00	TERMINATION PER SPEC. 13-EH-106, REV. (EXCLUDING TESTING).						
6.00	TERMINATION PER SPEC. 13-EH-106, REV. (EXCLUDING TESTING).						
7.00	TERMINATION PER SPEC. 13-EH-106, REV. (EXCLUDING TESTING).						
8.00	TERMINATION PER SPEC. 13-EH-106, REV. (EXCLUDING TESTING).						


REVISIONS

DATE

REVISIONS

DATE

EXHIBIT 255.0-2 (REV. 5)
(BACK)

	PA(VERDE NUCLEAR GENERATING STATION	WP/P <input type="checkbox"/> QCI <input checked="" type="checkbox"/>
	TITLE -	NO. Appendix REV 255.0 2
	CABLE TERMINATIONS APPENDIX I	PAGE 1 OF 2

A. PURPOSE


1. To provide instructions for the preparation of the "Termination Inspection Record," (Exhibit 255.0-2).

B. TERMINATION ENGINEER AND QCE INSPECTION INSTRUCTIONS

1. The TE shall provide technical guidance and surveillance during installation of Quality Class "Q", "R", and "S" cable terminations.
2. The RFE/Date column on the TIR may be left blank as the TE's signature in the RFE/Date block in the lower right hand corner constitutes his acceptance of the complete termination. The TE may elect to initial/date this column for surveillance status at his option.
3. The TE shall indicate complete acceptance with his signature and date (lower right hand corner) of the "Termination Inspection Record", (Exhibit 255.0-2) where it reads RFE/Date.
4. The QCE shall stamp and date each item in the QCE column to document daily in-process inspections of cable terminations by the QCE for Class IE and associated class cables. In the event a terminal board is installed in a terminal box (JB), the QCE shall make final acceptance inspection and enter in the remarks column "T.B. installation acceptable, QC stamp and date". After final acceptance of the Class IE and associated class terminations by the QCE, the TIR shall be routed to the responsible QCE for review and final acceptance, signified by signature and date in the QCE/Date block in the lower right hand corner of the TIR.
5. When the nylon screws and washers are used to comply with para. 6.3.1 of this procedure the TE/QCE shall verify entry in remarks section of the TIR by the TE or his designee initials/QCE stamp and date respectively.
6. Items that are not applicable, enter N/A.

C. ENTRY INSTRUCTIONS

- | 1. <u>Task No.</u> | <u>Item Inspection Instructions</u> |
|--------------------|---|
| 1.0 | Verify that the flex conduit is properly installed as required per applicable details/drawings. |

	TITLE -	LO VERDE NUCLEAR GENERATING STATION	WPP/P <input type="checkbox"/>	QCI <input type="checkbox"/>
	CABLE TERMINATIONS APPENDIX I		NO. Appendix 255.0	REV
			PAGE 2	OF 2

C. ENTRY INSTRUCTIONS (con't)

1. Task No.

Item Inspection Instructions

- 2.0 Verify termination completed per "Control and Tracking System Termination Installation Card," (Exhibit 255.0-1). Verification is required only for the following items: termination number, separation group and color, number of cables, cable number, cable code, termination design details, location number, block, point, side, color, and wire number. In the event "termination design details" and "side" and "blocks" are left blank by the computer, verification will not be required.
 - 3.0 Verify that termination is in accordance with the applicable portions of Spec. 13-EM-306 (excluding the testing delineated in Section 15.0 which will be governed by WPP/QCI No. 256.0). Enter specification revision number.
 - 4.0 Enter torque wrench serial number and calibration due date.
 - 5.0 Enter crimp tool serial number and calibration due date.
 - 6.0 Verify terminations are identifiable by the color of the individual wires per "Control and Tracking System Termination Installation Card". Ensure permanent cable markers and wire markers (if applicable) are attached as specified by 13-EM-303. Enter specification revision number.
 - 7.0 Verify that cables are properly formed, bundled, supported, and separated (as required) in a good craftsman like manner after termination is completed.
 - 8.0 Verify that grounding is properly installed and terminated as required per applicable details/drawings.
2. Enter remarks as appropriate in the blocks provided on the "Termination Inspection Record". If a DCN was used for termination, enter drawing and DCN number.
 3. The motor phase rotation check for Class IE motors shall be verified by the TE and QCE. The TE or his designee shall enter in the remarks block: motor phase rotation checked. The QCE shall stamp and date.



PALO VERDE NUCLEAR GENERATING STATION
UNITS 1, 2 & 3
PROCEDURE CHANGE NOTICE (PCN)
JOB NO. 10407

1. PAGE 1 OF 1 2. PCN NO. 27
3. ☐ WP/P ☒ QC NO. 255.0 REV 10
TITLE: Cable Terminations

4. CHANGE REQUESTED BY: ☐ QA ☐ QC ☒ FE 5. INITIATED BY: Wm. L. Saylor
6. REASON FOR CHANGE: Permit use of colored (red, green yellow, blue) wire for
jumper and DCP's.

7. DESCRIPTION OF CHANGE:

1. Section 6.0, add new paragraph to read as follows:

6.10 Wire of cable code A17 or better, as indicated in para. 6.9 above, may be used for DCP modifications. Wire of cable code A17-1, A17-2, A17-3, and A17-4 may be used for Class IE, DCP modifications and jumpers providing that the wire color matches the channel color.

8. APPROVED: *[Signature]*

[Signature]
POCE

[Signature] 4/20/82
DATE

[Signature]
PFE

4/19/82
DATE

[Signature]
PQAE

4/21/82
DATE

N/R
CCQCE

DATE

5-23



PALO VERDE NUCLEAR GENERATING STATION
UNITS 1, 2 & 3
PROCEDURE CHANGE NOTICE (PCN)
JOB NO. 10407

1. PAGE 1 OF 1 2. PCN NO. 28
3. ☐ WWP/P ☒ QC NO. 255.0 REV 10
TITLE: Cable Terminations

4. CHANGE REQUESTED BY: ☐ QA ☐ QC ☐ PFE 5. INITIATED BY: J. Bombard
6. REASON FOR CHANGE: Clarification of how to lift and re-land terminations
after acceptance by the QCE when no NCR, DCP, DCN, etc. applies.

7. DESCRIPTION OF CHANGE:

1. Section 5.0, change second sentence of subparagraph to read as follows:
5.5.1 The rework document number when applicable, shall be entered in the "remarks" section of the TIR.
2. Section 5.0, add new subparagraph to read as follows:
5.5.3 When terminations must be lifted in order to complete any construction activities, the conditions of paragraph 5.5.1 and 5.5.2 shall apply, except that document number may be omitted. A brief explanation of why termination was lifted and re-landed shall be entered in the "remarks" section of the TIR.

8. APPROVED: *[Signature]*

[Signature]
POCE

[Signature]
DATE

[Signature]
PFE

[Signature]
DATE

[Signature]
POAE

[Signature]
DATE

N/R
CCOCE

DATE



PALO VERDE NUCLEAR GENERATING STATION
UNITS 1, 2 & 3
PROCEDURE CHANGE NOTICE (PCN)
JOB NO. 10407

1. PAGE 1 OF 1 2. PCN NO. 29
3. ☐ WPP/P ☒ QCI NO. 255.0 REV 10
TITLE: Cable Terminations

4. CHANGE REQUESTED BY: ☐ QA ☒ QC ☐ FE 5. INITIATED BY: J. Crawford
6. REASON FOR CHANGE: Clarification of how to lift and re-land terminations
after acceptance by the QCE when no NCR, DCP, DCN, etc. applies.

7. DESCRIPTION OF CHANGE:

1. Section 5.0, add new subparagraph to read as follows:

5.5.4 The lifting and relanding of cables to satisfy the requirements of
WPP/QCI No. 258.9, refer to para. 7.2 of same procedure.

8. APPROVED: *RM*

RM
POCE

5/24/82
DATE

QCE
PFE

6/1/82
DATE

QCE
PQAE

6/1/82
DATE

N/R
CCQCE

DATE



PALO VERDE NUCLEAR GENERATING STATION
UNITS 1, 2 & 3
PROCEDURE CHANGE NOTICE (PCN)
JOB NO. 10407

1. PAGE 1 OF 1 2. PCN NO. 32
3. ☒ WP/P ☒ QCI NO. 255.0 REV 11
TITLE: Cable Termination

4. CHANGE REQUESTED BY: ☐ QA ☒ QC ☐ FE 5. INITIATED BY: V. Mallen

6. REASON FOR CHANGE: Clarify Exhibit 255.0-1 (front) and Exhibit 255.0-2 (back)
entries of JEB9999 or B9999.

7. DESCRIPTION OF CHANGE:

1. Section 6.0, add subparagraphs to read as follows:

6.4. ³₄ When TIR (Termination Inspection Record) card shows ^{IN with 11-10-87} block 48 thru 53 an alpha number B9999 (located front of card, right hand bottom) and same appears in line 5 (crimp tool serial number, etc. in back of TIR), the QCE has the option to leave entry in, stamp and date QCE column, or single line (B9999 or JEB9999), initial and date, and N/A QCE column and date.

NOTE: Entry in line 5 numbered B9999 or JEB9999 is a non-crimp tool type entry, is a mechanical installation.

6.4. ¹₅ T.B.'s installation in JB's "Q" Class only, the QCE shall be responsible to verify T.B.'s installation is per Dwg. 13-E-ZZS-002 and ensure T.B. mounting cap screws and/or machine bolts are tightened at time of termination.

2. Section 7.0, change paragraph (in part) to read as follows:

7.2 Exhibit 255.0-2 (Rev. 6).....

3. Exhibit 255.0-2 (Rev. 6) revised (see attached).

8. APPROVED:

7. R. Meier 11/8/82 11/12/82
PQCE DATE PFE DATE
J. E. [Signature] 11/13/82 N/A
PQAE DATE CCQCE DATE



PALO VERDE NUCLEAR GENERATING STATION

UNITS 1, 2 & 3

PROCEDURE CHANGE NOTICE (PCN)

JOB NO. 10407

1. PAGE 1 OF 1

2. PCN NO. 33

3. ☒ WP/P ☒ QC NO. 255.0 REV 11

TITLE: Cable Termination

4. CHANGE REQUESTED BY: ☐ QA ☒ QC ☐ FE 5. INITIATED BY: V. Mallen

6. REASON FOR CHANGE: Clarify the responsibility for the signature on the lower left hand side of the card.

7. DESCRIPTION OF CHANGE:

1. This PCN supersedes PCN No. 30.

2. Section 6.0, reinstate subparagraph 6.4.1 to read as follows:

6.4.1 Termination Engineer shall enter in remarks column the specific type of termination or splice kit and lot number whenever a 5 or 15KV heat shrink kit is used.

3. Section 6.0, add new subparagraphs to read as follows:

6.5.1 For lost or misplaced cards, where a previous card has been "CC", "FI", "QC", a new card shall be issued and identified with the word "duplicate" on the front. The AFE shall obtain crimp tool S/N from computer print out and due date from calibration records. Enter same on card. The Superintendent or his designee shall single lineout the word "installed" initial and date and enter above the lineout "verified". The card shall then be processed in accordance with this procedure.

6.5.2 For lost or misplaced cards that have been previously terminated and no record exists of crimping tool, a new card shall be issued and identified with the word "duplicate" on the front. The termination shall be reaccomplished and card shall then be processed in accordance with this procedure.

8. APPROVED:

PCCE

DATE

AFE

DATE

POAE

DATE

N/R

CCOCE

DATE

TERMINATION INSPECTION RECORD

[illegible]

EXHIBIT 255.0-2 (REV. 6)
(BACK)

PROJECT FILE

INSTALLATION SPECIFICATION

FOR

CABLE SPLICING, TERMINATION AND SUPPORTS

FOR THE

ARIZONA PUBLIC SERVICE COMPANY

PALO VERDE NUCLEAR GENERATING STATION

UNITS 1, 2, AND 3

QUALITY CLASS Q AND R

SPECIFICATION NUMBER 13-EM-306

RECEIVED
MAY 18 1982
CONSTRUCTION
PVNGS

JOB NUMBER 10407
BECHTEL POWER CORPORATION
NORWALK, CALIFORNIA

△		
△		
△		
△		
5	10-7-81	Revised Sections 7, 8, and 11, Figures 18 and 19. Added Figure 26.
△		Incorporated SCNs 2472, 2476, 2592, 2597, 2614 (MOD), 2638, 2652 (MOD),
△		2660, 2671, 2698, 2719, 2720, and 2766.
4	11-24-80	Revised Section 9.2, Added Figures 23, 24, and 25 and Incorporated
△		SCNs 2267, 2374 and 2409
3	4-2-80	Revised Sections 1.0, 4.0, and 7.0 to 15.0, Tables 1 and 2,
△		Figures 5, 7, 8, 11, 13 to 17. Added Figures 21 and 22.
△		Incorporated SCNs 2046, 2109, 2136 (MOD) and 2149
2	12-10-79	Revised Sections 7.0, 8.0, 15.0 and Figure 4. Incorporated
△		SCNs 1887 (MOD) and 1951 (MOD)
1	9-10-79	General Revision. Incorporated SCN 1669.
△	4-6-79	Issued for Construction
REV.		

5-8

7.0 DESIGN

7.1 General

The following criteria shall be used for splicing, termination, separation, fireproofing, repair, and support of cables specified in 3.0.

7.2 Criteria

- a. Cable splices shall not be made on field run cables in power block except as specified in 7.2.b and 7.2.c.
- b. Cable splices may be made on Supplier equipment furnished pigtail cables within an enclosure approved for cable termination, such as cabinet, terminal box, or penetration box. Exception is permissible only where equipment provided pigtail cables are not of sufficient length. Splicing to equipment pigtail may be made within a conduit fitting.
- c. Cable splices in boxes, cabinets or manholes other than as described in 7.2b shall be authorized on a case by case basis only. Requests by Bechtel for use shall be documented by formal correspondence between Bechtel and Client engineering and shown on an approved engineering document. 5
- d. (Deleted)
- e. (Deleted)
- f. Grounding of cable shield shall be in accordance with 9.0.
- g. Class IE and Non-Class IE circuits shall require separation inside an equipment enclosure in accordance with 11.0.
- h. Field cabling shall be fireproofed inside an equipment enclosure in accordance with 11.5.
- i. Cable entering equipment enclosure shall be routed in the wiring channels provided in the enclosure. Cable support required to relieve stress on cable splices and terminator shall be in accordance with 10.0.
- j. No aluminum armored terminators or support hardware materials shall be used inside containment building.
- k. Aluminum terminators shall not be used on any conductors.
- l. All terminal blocks in local terminal boxes or cabinets, used for termination of Class IE cable, shall be procured as Quality Class IE material. I/C No. 14 AWG and I/C No. 10 AWG (Cable Codes A17 and A19) switchboard wires shall not be used as jumpers in Class IE equipment inside the containment. 5