

RESUME OF WALLACE RAY ROYCE

Present Address: \_\_\_\_\_

Permanent Address: \_\_\_\_\_

PERSONAL: \_\_\_\_\_

Denver, Colorado. Married.

EDUCATION:

Graduated from Wheatridge High School, Denver Colorado in 1965.  
Attended Oklahoma State University, Oklahoma City, Oklahoma  
in 1972.  
Attended Garden City Community Junior College, Garden City,  
Kansas in 1975.

WORK EXPERIENCE:

He has served in the electrical industry as journeyman  
electrician, start-up electrical technician and electrical  
start-up engineer level 2. He has worked on paper mills,  
petro-chemical plants, nuclear and fossil fueled power plants  
over the past eleven years.

EMPLOYMENT RECORD:

August 1982 to present: Palo Verde Nuclear Power Plant,  
Palo Verde, Arizona. Electrical start-up engineer, level 2.  
Involved in generic tests of unit one. Which includes a.c.  
motor test, cubicle tests, control functions, cable verification,  
lightning arrester, molded case breakers, high potential  
testing, reactor control functions and meter calibration.

WEYERHAEUSER COMPANY, Valliant, Oklahoma, 1982. Electrical  
start-up and commissioning areas involved in were: Stock  
prep., tank farm and bale storage, paper machine (KMW linear  
board machine) controlled by Honeywell T. D. 2000 computer.

TENNECO, Green River, Wyoming, 1982. Electrical start-up of  
the following areas: Water treatment and processing.  
Powerhouse coal storage and containment in newly constructed  
Soda Ash Plant.

GEORGIA PACIFIC, Crossett, Arkansas, 1981. Involved in  
terminations and checkout of high voltage instrumentation  
of newly constructed powerhouse.

L. B. P., Garden City, Kansas, 1981. Involved in terminations,  
checkout, and start-up of processing, conveyor systems as  
well as refrigeration.

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GARDE83-450 PDR

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OTHER PROJECTS:

Texas Utilities, Glen Rose, Texas 1980  
Union Camp, Prattville, Alabama 1980  
Boise Southern, DeRidder, Louisiana 1979  
Nekoosa Paper, Ashdown, Arkansas 1979  
Diamond Shamrock, Sunray, Texas 1978  
Barnett Plant Electric, Garden City, Kansas 1978  
Wheatland Electric, Garden City, Kansas 1977  
Square D Corp., Denver, Colorado 1973  
Zoggs Electric, Oklahoma City, Oklahoma 1972  
Quarries Electric, Pampa, Texas 1971

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BECHTEL

BECHTEL STARTUP QUALITY CONTROL  
PHYSICAL EXAMINATION RECORD



CERTIFICATION OF QUALIFICATION

NAME: Wallace Royce

TO PERFORM AS A: Startup Engineer

LEVEL OF CAPABILITY: Level II

BASIS FOR QUALIFICATION: REFERENCE ANSI N45.2.6 - 1975

PERSONAL DATA AND EMPLOYMENT RECORD SUMMARY OF:

☒ EDUCATION: COLLEGE 0 TECHNICAL 0 HIGH SCHOOL 4-6  
YRS-MOS YRS-MOS YRS-MOS

☒ EXPERIENCE: 4-7  
YRS-MOS

☐ TEST RESULTS (WHERE APPLICABLE)

☒ QUALIFICATION AND TRAINING RECORD

☐ CONTINUED SATISFACTORY PERFORMANCE (DETERMINED BY EVALUATION)

☒ PHYSICAL EXAM (WHEN REQUIRED)

QUALIFICATION DATE: 8-4-82 QUALIFICATION EXPIRATION DATE: 8-4-84

R. L. Fowler  
STARTUP MANAGER

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LOS ANGELES  
POWER DIVISION

## PERSONAL RESUME

NAME Wallace Ray Royce DATE 8/3/82

CLASSIFICATION \_\_\_\_\_ GRADE \_\_\_\_\_

ORGANIZATION & LOCATION Bechtel Power Corp.  
Palo Verde Nuclear Generating Station ( ISC )BIRTHDATE \_\_\_\_\_ CITIZENSHIP USAORIGINAL BECHTEL EMPLOYMENT DATE 8/3/82FOREIGN LANGUAGES SpanishSPEAK N/A READ N/A WRITE N/A

NAME OF SPOUSE \_\_\_\_\_

CHILDREN'S BIRTHDATES \_\_\_\_\_

MILITARY SERVICE & RANK N/A

## PROFESSIONAL LICENSES AND SOCIETIES

## EDUCATION AND PERSONNEL DEVELOPMENT PROGRAMS

DEGREE, CERTIFICATE, ETC.	SCHOOL	MAJOR (OR SUBJECT)	DATE
Wheatridge H. S.		Math Business	1965
	O.S.U.	Electricity 1 & 2	1972

## OTHER SIGNIFICANT INFORMATION

NAME Wallace Royce

DATES		COMPANY, DIVISION OR DEPARTMENT; LOCATION AND SUPERIOR	POSITION HELD, SUMMARY OF RESPONSIBILITIES AND SIGNIFICANT ACCOMPLISHMENTS
FROM	TO		
10-73	9-74	Square D Corporation Denver, CO	Involved in support of prerequisite testing with Quality Control: Bus inspection on 480 volt load centers, control functionals, main breakers, AV switches and inspections of substation units.
10-77	10-78	S.W. Kansas Utilities (Wheatland Elec.)	Responsible for testing and energization 23 KV, 4.16 KV, 13.8 KV distribution circuits. Performed cable verifications, transformer verifications, metering, "high-pot" testing prior to energizations of said circuits.
12-1-79	4-23-80	Union Camp Prattville, Ala.	Electrical checkout and startup of the following areas: Line kiln, stacker, reclaimer and shipper-woodyard.
9-1-80	12-1-80	Texas Utilities Glen Rose, TX	Involved in installation of high voltage switch-gear and installation MCC centers throughout plant.
12-29-80	4-30-81	I.B.P. Garden City, KS	Involved in terminations, checkout, and startup of processing, conveyor system, as well as refrigeration.
5-3-81	7-30-81	International Paper Mansfield, La.	Electrical startup in lime kiln, pulp mill and high density storage.
10-13-81	12-18-81	Georgia Pacific Crossett, Ark.	Involved in terminations and checkout of high voltage instrumentation of newly constructed powerhouses.
12-28-82	4-1-82	Tenneco Green River, Wyo.	Electrical startup of the following areas: Water treatment and processing. Powerhouse coal storage and containment in newly constructed Soda Ash Plant.
5-3-82	7-30-82	Weyerhaeuser Co. Valliant, Okla.	Electrical startup and commissioning. Areas involved were: Stock prep., tank farm and bale storage, paper machine (KMW linear board machine) controlled by Honeywell T.D. 2000 computer.



LOS ANGELES  
POWER DIVISION

WORK HISTORY  
Wallace Royce

NAME \_\_\_\_\_

DATES		COMPANY, DIVISION OR DEPARTMENT LOCATION AND SUPERIOR	POSITION HELD, SUMMARY OF RESPONSIBILITIES AND SIGNIFICANT ACCOMPLISHMENTS
FROM	TO		
3-82	Present	Bechtel Power Corp. PVNCS	Startup Electrical Test Engineer.

# BECHTEL POWER CORPORATION

## STARTUP

### PALO VERDE NUCLEAR GENERATING STATION

*William J. Brown*  
(Please Print)

has completed the following reading assignments covering codes and regulations effecting the Startup Prerequisite Test Program.

#### SUBJECT

#### DATE COMPLETED/INITIALS

ANSI 43.3.6 - 1978 (AD 109)	Qualifications of Inspection, Examination, and Testing Personnel for Nuclear Power Plant	1.1.80	WJB
10CFR 21, Rev. 2 (AD 110)	Report of Defects and Non-compliance and QA Standard 7.8	9.3.80	WJB
10 CFR 50 Appendix B 18 Point Criteria (AD 125, 126)	Quality Assurance Criteria for Nuclear Power Plants	9.3.80	WJB
10 CFR 50.71 (AD 117)	Maintenance of Records, Making Reports	9.3.80	WJB
Final Safety Analysis Report 14.2, VOL. 10	Startup and Test Program	9.3.80	WJB

This information has been reviewed with the employee to ensure he has an adequate understanding of the assigned codes and regulations.

*William J. Brown*  
Employee Signature/Date

*David J. [Signature]*  
Supervisor Signature/Date 9-10-80

BECHTEL POWER CORPORATION  
STARTUP  
PVNGS

(Print Name)

Memorandum to Training File

SUBJECT: Startup and Test Program Orientation Prerequisite Phase Reading Documentation.

The following reading assignments have been completed to satisfy program requirements:

SUBJECT	DATE COMPLETE/INITIALS
✓1. AD 100 Prerequisite Test Program	1.1.82 HJ
✓2. AD 101 Startup Activities Interface	1.1.82 HJ
✓3. AD 108 Prerequisite Testing	1.1.82 HJ
✓4. AD 102 Prerequisite Test Program Procedure Preparation Review and Approval	1.1.82 HJ
✓5. AD 103 System Turnover	1.1.82 HJ
✓6. AD 123 Testing Release	1.1.82 HJ
✓7. AD 112 Measuring and Test Equipment	1.1.82 HJ
✓8. AD 105 Startup Work Permits	1.1.82 HJ
✓9. AD 116 Review Evaluation and Approval Test Results	1.1.82 HJ
✓10. AD 117 Document Control	1.1.82 HJ
✓11. AD 104 Clearances	1.1.82 HJ
✓12. AD 120 Equipment Interchange	1.1.82 HJ
✓13. AD 115 Temporary Modification	1.1.82 HJ
✓14. AD 110 Startup Nonconformance	1.1.82 HJ
✓15. AD 113 Startup Field Reports	1.1.82 HJ
✓16. AD 118 Cleanliness Verification and Control	1.1.82 HJ
✓17. AD 127 System Cleanliness Verification	1.1.82 HJ
✓18. AD 128 Startup Cleanliness Program	1.1.82 HJ
✓19. AD 107 Scheduling	1.1.82 HJ
✓20. AD 114 Scoping	1.1.82 HJ

SUBJECT	DATE COMPLETE/INITIALS
21) AD 125 Quality Control Program	8-19-52 HJ
22) AD 126 Startup Quality Inspection	8-6-52 HJ
23) AD 111 Design Change Packages	8-1-52 HJ
24) AD 106 Master Tracking System	8-1-52 HJ
25) AD 119 Vendor Monitoring	8-6-52 HJ
26) AD 121 Maintenance and Repair	8-1-52 HJ

This information has been reviewed with the employee to ensure he has an adequate understanding of the assigned Administrative Procedures.

William J. Stone  
Employee's Signature

8-19-52  
Date

Don J. Ten  
Supervisor's Signature

8-19-52  
Date



PALO VERDE NUCLEAR GENERATING STATION  
COURSE/PROGRAM ROSTER  
JOB NO. 10407

Posted 8/7/82 cm

COURSE/PROGRAM TITLE AD-110 DATE 8-4-82  
COURSE/PROGRAM TIME LENGTH 1 Hour LEADER AVERSANO  
DESCRIPTION NCR'S

ATTENDEES SIGNATURE DO NOT PRINT	PRINT NAME	LIST TITLE AND DISCIPLINE
1. <i>[Signature]</i> X	W. J. O'Leary	S-U Eng.
2. <i>[Signature]</i> X	TOMMY SEAY	S-U ENGR
3. <i>[Signature]</i> X	HUGH C. GASTON	ELECT. S/U ENGR.
4. <i>[Signature]</i> X	WILLIAM H. KONG	Elec. S/U ENGR.
5. <i>[Signature]</i> X	Michael R. Oakes	Elec. S/U ENG.
6. <i>[Signature]</i> X	CHARLES BYNUM	"
7. <i>[Signature]</i> X	PETER L. MILLER	"
8. <i>[Signature]</i> X	Billy G. Toucher	"
9. <i>[Signature]</i> X	Richard W. Brockman	"
10. <i>[Signature]</i> X	Benton F. Smith	"
11. <i>[Signature]</i> X	HUGH G. SMITH	Mech S/U ENGR.
12. <i>[Signature]</i> X	Charles B. Killough	Electrical S/U
13. <i>[Signature]</i> X	Tia Berakins	electrical S/U Eng
14. <i>[Signature]</i> X	Dan R. Minard	start up
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PALO VERDE NUCLEAR GENERATING STATION  
COURSE/PROGRAM ROSTER  
JOB NO. 10407

COURSE/PROGRAM TITLE AD104 Rev 2 DATE 8/19/82  
COURSE/PROGRAM TIME LENGTH 40 MIN. LEADER A. J. Noverano  
DESCRIPTION Familiarized with the requirements for  
Clearance Requests.

ATTENDEES SIGNATURE DO NOT PRINT	PRINT NAME	LIST TITLE AND DISCIPLINE
1. <u>J. P. Dutta</u> X	J. P. Dutta	Sr. Plant Eng.
2. <u>Wallace R. Renge</u>	Wallace R. Renge	STW Eng. Insp.
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dated 8/17/82

INDOCTRINATION

PALO VERDE NUCLEAR GENERATING STATION  
COURSE/PROGRAM ROSTER  
JOB NO. 10407

COURSE/PROGRAM TITLE AD-113 DATE 8/5/82

COURSE/PROGRAM TIME LENGTH 30 MIN. LEADER AVERSANO

DESCRIPTION THE FOLLOWING STARTUP ENGINEERS HAVE READ, UNDERSTAND, AND ARE ABLE  
TO IMPLEMENT PROCEDURE - STARTUP FIELD REPORT

ATTENDEES SIGNATURE DO NOT PRINT	PRINT NAME	LIST TITLE AND DISCIPLINE
1. <i>Walter M. Demand</i> X	WALTER M. DEMAND	S-U Eng
2. <i>Thomas J. Seay</i> X	THOMAS J SEAY	S-U EN.
3. <i>Hugh C. Gaston</i> X	HUGH C. GASTON	"
4. <i>Pete Workman</i> X	Pete Workman	"
5. <i>Dan Workman</i> X	DAN WORKMAN	"
6. <i>Billy G. Touchy</i> X	Billy G. Touchy	"
7. <i>William H. Royce</i> X	William H. Royce	"
8. <i>Don R. ...</i> X	Don R. ...	"
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JOB NO. 10407

AD-115

DATE 8-6-82

45 minutes

LEADER AVERSANO

DESCRIPTION THE FOLLOWING STARTUP ENGINEERS HAVE READ, UNDERSTAND, AND ARE ABLE

TO IMPLEMENT PROCEDURE

(TEMPORARY MODIFICATION)

[illegible]



PALO VERDE NUCLEAR GENERATING STATION  
COURSE/PROGRAM ROSTER  
JOB NO. 10407

INDOCTRINATION

POSTED  
8/13  
END

COURSE/PROGRAM TITLE AD-117 Rev 2 DATE 8-11-82  
COURSE/PROGRAM TIME LENGTH 3/4 HR LEADER HODGES  
DESCRIPTION THE FOLLOWING STARTUP ENGINEERS HAVE READ, UNDERSTAND, AND ARE ABLE  
TO IMPLEMENT PROCEDURE

ATTENDEES SIGNATURE DO NOT PRINT	PRINT NAME	LIST TITLE AND DISCIPLINE
✓ 1. Robert D. Hodges	Robert D. Hodges	S/U. elect
✓ 2. J. N. Dute	J. N. Dute	SU Elect
✓ 3. John R. Martinez	JOHN R. MARTINEZ	S/U FLEC
✓ 4. William H. Hance	WILLIAM H. HANCE	" "
✓ 5. Billy G. Touch	Billy G. Touch	" "
✓ 6. Krishna K. Kothari	Krishna K. Kothari	" "
✓ 7. F. M. Hankin	F. M. HANKIN	S/U ELECTRICAL
✓ 8. Thom Ingram	Thom Ingram	ELECT S/U
✓ 9. George Harrison	GEORGE HARRISON	ELCT S/U
✓ 10. D. T. Thompson	D. T. THOMPSON	ELEC S/U
✓ 11. Dan Teague	DAN TEAGUE	ELEC S/U
✓ 12. Dan Wickman	DAN WICKMAN	S/U EL. Eng.
✓ 13. NO SPARKS	NO SPARKS	S/U ELECT.
✓ 14. Wm. Reep	Wm. Reep	S/U ELECT.
✓ 15. Peter Miller	PETER MILLER	S/U ELECT
✓ 16. John Corcoran	JOHN CORCORAN	S/U Elect Eng.
✓ 17. John Corcoran	JOHN CORCORAN	S/U Elect Eng.
✓ 18. William Lee	William Lee	" "
✓ 19. John Hodges	JOHN HODGES	S/U ENGR - ELEC
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Posted RW 9/21/82

## INDOCTRINATION

PALO VERDE NUCLEAR GENERATING STATION  
COURSE/PROGRAM ROSTER  
JOB NO. 10407

AD 112 REV 2

COURSE/PROGRAM TITLE MEASURING AND TEST EQUIPMENT DATE 9-18-82COURSE/PROGRAM TIME LENGTH 45 MIN LEADER C. RUNYANDESCRIPTION THE FOLLOWING STARTUP ENGINEERS HAVE READ, UNDERSTAND, AND ARE ABLE  
TO IMPLEMENT PROCEDURE

ATTENDEES SIGNATURE DO NOT PRINT	PRINT NAME	LIST TITLE AND DISCIPLINE
1. <u>Yun Fernando</u>	GENEROSO R. FERNANDO	SR S.U. ENGR
2. <u>John Corcoran</u>	JOHN CORCORAN	SU Plant Eng.
3. <u>John Hodges</u>	JOHN HODGES	S/U ELEC.
4. <u>David A Harris</u>	DAVID A HARRIS	S/U ELECT
5. <u>William Royce</u>	WILLIAM ROYCE	S/U ELEC.
6. <u>David Buchholz</u>	DAVID BUCHHOLZ	S/U ELECT
7. <u>David Buchholz</u>	DAVID BUCHHOLZ	S/U ELECT.
8. <u>Alex Bington</u>	Alex Bington	S/U Engr. Elect.
9. <u>Alario Zetuchis</u>	ALARIO ZETUCHIS	S/U Elect.
10. <u>Carlton Sheets</u>	CARLTON SHEETS	S/U BOP
11. <u>C.H. Sauceman</u>	C.H. SAUCEMAN	S/U BOP
12. <u>John R. Martinez</u>	JOHN R. MARTINEZ	S/U - ELEC.
13. <u>William T. Scafe</u>	WILLIAM T. SCAFE	I&C S/U
14. <u>John Hjalmarson</u>	JOHN HJALMARSON	HVAC S/U
15. <u>George Bartolini</u>	GEORGE BARTOLINI	ELEC. S/U
16. <u>Larry Koehler</u>	LARRY KOEHLER	Mech S/U NISS
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9-22-82

posted 10/24/82



PALO VERDE NUCLEAR GENERATING STATION  
COURSE/PROGRAM ROSTER  
JOB NO. 10407

COURSE/PROGRAM TITLE EG202.2 (1) LIQUID/GAS INSULATED TRANSF DATE 10-13-82  
COURSE/PROGRAM TIME LENGTH 1 HOUR LEADER D. BULLHOLE  
DESCRIPTION GAS & LIQUID INSULATED TRANSFORMER TEST PROCEDURE.  
ELECTRICAL GENERIC TEST.

ATTENDEES SIGNATURE DO NOT PRINT	PRINT NAME	LIST TITLE AND DISCIPLINE
<del>1. [Signature]</del>	<del>WILLIAM KIMBLE</del>	<del>STILLER, [unclear]</del>
2. [Signature]	J. MC ALISTER	Elect. Eng. [unclear]
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PALO VERDE NUCLEAR GENERATING STATION  
COURSE PROGRAM ROSTER  
JOB NO. 10407

COURSE PROGRAM TITLE 511 N. R. 0 DATE 10-9-88

COURSE PROGRAM TIME LENGTH 3:30 LEADER C. G. H. H.

DESCRIPTION THE FOLLOWING STARTUP ENGINEERS HAVE READ, UNDERSTAND, AND ARE ABLE  
TO IMPLEMENT PROCEDURES

ATTENDEES SIGNATURE DO NOT PRINT	PRINT NAME	LIST TITLE AND DISCIPLINE
<del>1. [Signature]</del>	<del>W. H. H.</del>	<del>Plant Engineer</del>
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PALO VERDE NUCLEAR GENERATING STATION  
COURSE/PROGRAM ROSTER  
JOB NO. 10407

8/13/82

POST 10 RD

COURSE/PROGRAM TITLE EG-200.2 CABLE VERIFICATION DATE 8-7-82

COURSE/PROGRAM TIME LENGTH 1 hr LEADER D. Teague

DESCRIPTION THE FOLLOWING STARTUP ENGINEERS HAVE READ, UNDERSTAND, AND ARE ABLE  
TO IMPLEMENT PROCEDURE

ATTENDEES SIGNATURE DO NOT PRINT	PRINT NAME	LIST TITLE AND DISCIPLINE
✓ 1. Michael Harris	MICHAEL HARRIS	ELES. S/U
✓ 2. Benton S. Smith	BENTON E. SMITH	S/U/ELECT
✓ 3. Dan Workman	DAN WORKMAN	S/U ELA. EED
✓ 4. Bill G. Touchy	BILL G. TOUCHY	" "
✓ 5. <del>Charles E. Smith</del>	<del>CHARLES E. SMITH</del>	" "
✓ 6. Peter Miller	PETER MILLER	" "
7. <del>Charles E. Smith</del>	<del>CHARLES E. SMITH</del>	" "
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PALO VERDE NUCLEAR GENERATING STATION  
COURSE/PROGRAM ROSTER  
JOB NO. 10407

COURSE/PROGRAM TITLE EB 203.1 (0) DATE 9-14-82  
COURSE/PROGRAM TIME LENGTH 1/2 HOUR LEADER HODGES  
DESCRIPTION THE FOLLOWING ENGR'S HAVE READ, UNDERSTAND  
AND CAN IMPLEMENT THE ABOVE PROCEDURE.

ATTENDEES SIGNATURE DO NOT PRINT	PRINT NAME	LIST TITLE AND DISCIPLINE
1. <i>George Harrison</i>	X GEORGE HARRISON	S/U ELECT
2. <i>Robert D. Hodges</i>	X Robert D. Hodges	S/U ELECT
3. <i>J.P. Duty</i>	X J.P. Duty	S/U ELECT
4. <i>David A. Harris</i>	X DAVID A. HARRIS	S/U ELECT
5. <i>Michael T. Harris</i>	X MICHAEL T. HARRIS	S/U ELECT.
6. <i>Walter H. Hodges</i>	X Walter H. Hodges	S/U ELEC.
7. <i>John Hodges</i>	X JOHN HODGES	S/U ELEC
8. <i>D.T.T. Thompson</i>	X D.T.T. THOMPSON	S/U ELEC
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posted 10/24/82 on

PALO VERDE NUCLEAR GENERATING STATION  
COURSE/PROGRAM ROSTER  
JOB NO. 10407

COURSE/PROGRAM TITLE

2A16) Voltmeter - Ammeter Tests

DATE

11/14/82

COURSE/PROGRAM TIME LENGTH

45 min

LEADER

P. BUCHHOLTZ

DESCRIPTION

GENERIC TEST OF VOLT & AMMETER

ATTENDEES SIGNATURE DO NOT PRINT	PRINT NAME	LIST TITLE AND DISCIPLINE
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PALO VERDE NUCLEAR GENERATING STATION  
COURSE/PROGRAM ROSTER  
JOB NO. 10407

COURSE/PROGRAM TITLE

2041 64 - 1700000000

DATE

11/10/82

COURSE/PROGRAM TIME LENGTH

14 hrs

LEADER

J BUCHHOLTZ

DESCRIPTION THE FOLLOWING STARTUP ENGINEERS HAVE READ, UNDERSTAND, AND ARE ABLE  
TO IMPLEMENT PROCEDURE

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Posted 9/20/82 in  
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PALO VERDE NUCLEAR GENERATING STATION  
COURSE/PROGRAM ROSTER  
JOB NO. 10407

COURSE/PROGRAM TITLE EG-205.1 Rev 0 DATE 8-18-82  
COURSE/PROGRAM TIME LENGTH 1 hr LEADER Lig 4th:11  
DESCRIPTION THE FOLLOWING STARTUP ENGINEERS HAVE READ, UNDERSTAND, AND ARE ABLE  
TO IMPLEMENT PROCEDURE

ATTENDEES SIGNATURE DO NOT PRINT	PRINT NAME	LIST TITLE AND DISCIPLINE
<del>Walter H. Boud</del> X	Walter Boud	Start Up Engineer
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PALO VERDE NUCLEAR GENERATING STATION  
COURSE/PROGRAM ROSTER  
JOB NO. 10407

COURSE/PROGRAM TITLE 311.1 Rev 1 DATE 8-20-82  
COURSE/PROGRAM TIME LENGTH \_\_\_\_\_ LEADER \_\_\_\_\_  
DESCRIPTION THE FOLLOWING STARTUP ENGINEERS HAVE READ, UNDERSTAND, AND ARE ABLE  
TO IMPLEMENT PROCEDURE

ATTENDEES SIGNATURE DO NOT PRINT	PRINT NAME	LIST TITLE AND DISCIPLINE
✓ 1. <del>William R. Rouse</del>	William R. Rouse	S/U Eng.
✓ 2. <del>Louis C. Bolion</del>	Louis C. Bolion	S/U ENG
✓ 3. <del>John Carcoran</del>	John Carcoran	S/U Elect Eng.
✓ 4. <del>William Lee</del>	William Lee	S/U 304 Electrical
✓ 5. <del>D.T. Thompson</del>	D.T. THOMPSON	S/U ELECTRICAL
✓ 6. <del>J.P. Duty</del>	J.P. Duty	S/U Electrical
✓ 7. <del>Kris Katiyar</del>	KRIS KATIYAR	S/U Elect.
✓ 8. <del>Hugh C. Gaston</del>	HUGH C. GASTON	S/U ELECT
✓ 9. <del>Michael T. Harris</del>	MICHAEL T. HARRIS	S/U ELECT.
✓ 10. <del>David A. Harris</del>	DAVID A. HARRIS	S/U ELECT.
✓ 11. <del>Vernon P. Lismond</del>	VERNON P. LISMOND	S/U ELECT
✓ 12. <del>William R. Rouse</del>	William R. Rouse	S/U Eng.
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PALO VERDE NUCLEAR GENERATING STATION  
COURSE/PROGRAM ROSTER  
JOB NO. 10407

COURSE/PROGRAM TITLE EG-211.1 (0) DATE \_\_\_\_\_  
COURSE/PROGRAM TIME LENGTH \_\_\_\_\_ LEADER \_\_\_\_\_  
DESCRIPTION THE FOLLOWING STARTUP ENGINEERS HAVE READ, UNDERSTAND, AND ARE ABLE  
TO IMPLEMENT PROCEDURE

ATTENDEES SIGNATURE DO NOT PRINT	PRINT NAME	LIST TITLE AND DISCIPLINE
<i>Ken Kooser</i>	X Ken Kooser	S/U Elec
<i>Edward L. Jones</i>	X Edward L. Jones	S/U ELECT.
<i>Charles Killough</i>	X Charles Killough	S/U Elect
<i>Michael Harris</i>	X Michael Harris	S/U ELECT.
<i>Daniel Hautala</i>	X Daniel Hautala	S/U ELECT.
<i>David Buchholz</i>	X David Buchholz	S/U ELECT.
<i>Reynolds Kungz</i>	X Reynolds Kungz	S/U Elect
<i>Willard House</i>	X Willard House	" "
<i>Kassar Saigh</i>	X Kassar Saigh	" "
<i>Billy G. Touchy</i>	X Billy G. Touchy	" "
<i>Donald G. Kreik</i>	X Donald G. Kreik	" "
<i>Joe Vargos</i>	X Joe Vargos	" "
<i>Jonny Pudas</i>	X Jonny Pudas	" "
<i>Ayalew Abebe</i>	X Ayalew Abebe	" "
<i>William Reed</i>	X William Reed	" "
<i>Bereu Clark</i>	X Bereu Clark	" "
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PALO VERDE NUCLEAR GENERATING STATION  
COURSE/PROGRAM ROSTER  
JOB NO. 10407

COURSE/PROGRAM TITLE EGU. 1 (3) AG. STAT DATE 2-5-92

COURSE/PROGRAM TIME LENGTH 1 HOUR LEADER 2 PERSONNEL

DESCRIPTION GENERIC TEST PROCEDURE FOR 4-FASTAY TYPE  
DELAY RELAY.

ATTENDEES SIGNATURE DO NOT PRINT	PRINT NAME	LIST TITLE AND DISCIPLINE
1. <i>[Signature]</i>	WALLACE ROYCE	START UP ENGINEER
2.		
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PALO VERDE NUCLEAR GENERATING STATION  
COURSE/PROGRAM ROSTER  
JOB NO. 10407

posted by 9/21/82

COURSE/PROGRAM TITLE EG 212. (REV'D) BATTERY SYSTEM CHECKOUT DATE 9-8-82  
COURSE/PROGRAM TIME LENGTH 1/2 HR CLASSROOM, 1/2 FIELD LEADER ROMERO  
DESCRIPTION THE FOLLOWING ENGINEERS HAVE READ, DISCUSSED, AND UNDERSTAND THIS PROCEDURE. THEY CAN IMPLEMENT IT SAFELY AND PROPERLY.

ATTENDEES SIGNATURE DO NOT PRINT	PRINT NAME	LIST TITLE AND DISCIPLINE
1. <i>Jack Romero</i> X	JACK ROMERO	SIU ENGINEER, ELECT.
2. <i>Wallace R. Rouse</i> X	Wallace Rouse	SIU Engineer Elec.
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PALO VERDE NUCLEAR GENERATING STATION  
COURSE/PROGRAM ROSTER  
JOB NO. 10407

Printed on 8/17/82

Page 1a

COURSE/PROGRAM TITLE MCC Cubicle Test EG 203.2 rev.0  
DATE 8-4-82  
COURSE/PROGRAM TIME LENGTH 2 HRS LEADER MORISKY  
DESCRIPTION THE FOLLOWING STARTUP ENGINEERS HAVE BEEN QUALIFIED ON PROCEDURE

ATTENDEES SIGNATURE DO NOT PRINT	PRINT NAME	LIST TITLE AND DISCIPLINE
1. <u>Steve Morisky</u>	Steve Morisky	Sr Elec Eng
2. <u>Richard Karkman</u>	Richard Karkman	" "
3. <u>Tom Beckman</u>	Tom Beckman	" "
4. <u>John S. Bynum</u>	John S. Bynum	" "
5. <u>Charles Bynum</u>	CHARLES BYNUM	" "
6. <u>Hugh C Gaston</u>	HUGH C GASTON	" "
7. <u>Don Workman</u>	DON WORKMAN	" "
8. <u>Bill G. Tuck</u>	B. H. G. TUCK	" "
9. <u>Richard Karkman</u>	Richard Karkman	" "
10. <u>Don H. Bynum</u>	Don H. Bynum	" "
11. <u>Thomas Karkman</u>	Thomas Karkman	" "
12. <u>George Bartolini</u>	George Bartolini	" "
13. <u>Michael Harris</u>	MICHAEL HARRIS	" "
14. <u>Edward L. Jones</u>	EDWARD L. JONES	" "
15. <u>Edward L. Jones</u>	EDWARD L. JONES	" "
16. <u>Donna H. Jones</u>	Donna H. Jones	" "
17. <u>Kassab Saigh</u>	KASSAB SAIGH	" "
18. <u>Kan Lippy</u>	KAN LIPPY	" "
19. <u>Donald K. Kripke</u>	DONALD K. KRIPKE	" " "
20. <u>Michael Oakes</u>	Michael Oakes	" "
21. <u>William Kripke</u>	William Kripke	" "
22. <u>John S. Bynum</u>	John S. Bynum	Sr Elec Eng.
23. <u>John S. Bynum</u>	John S. Bynum	Sr Elec Eng.
24. <u>John S. Bynum</u>	John S. Bynum	" "
25. <u>John S. Bynum</u>	John S. Bynum	" "
26. <u>Peter L. Miller</u>	PETER L. MILLER	Sr Elec Eng
27. <u>Tommy Seay</u>	TOMMY SEAY	" "
28. <u>Larry Harrell</u>	LARRY HARRELL	" "

PALO VERDE NUCLEAR GENERATING STATION  
COURSE/PROGRAM ROSTER  
JOB NO. 10407

INDOCTRINATION

posted  
8/19/82  
JME

COURSE/PROGRAM TITLE EG-204.1 DATE 8-18-82

COURSE/PROGRAM TIME LENGTH 1 1/2 hrs LEADER C. H. Hill

DESCRIPTION THE FOLLOWING STARTUP ENGINEERS HAVE READ, UNDERSTAND, AND ARE ABLE  
TO IMPLEMENT PROCEDURE

ATTENDEES SIGNATURE DO NOT PRINT	PRINT NAME	LIST TITLE AND DISCIPLINE
1. <u>[Signature]</u>	<u>[Print Name]</u>	<u>[List Title]</u>
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13E2400  
LAWSON  
DRAWING

[illegible]

CRIME | 3 | 0 | 5 | 7 | 2 |  
FOUL | 42 | 82

DATE  
INSTALLED 10/2/98/1

5109

B. 39





EC ESTOIRICIA 532

TERMINATION DESCRIPTION

03.22

ACCOUNT CODE

TERMINATION  
DESIGN  
DETAILS

LOCATION OF TERMINATION

1E2VMSIP020202

LOCATION CODE

LOCATION DESCRIPTION

LOCATION  
DESIGN  
DETAILS

1E2ACDRICBA

1B27F302

REV.

CORRECT  
DRAWING

REV.

VENDOR  
DRAWING

REV.

THE CONDUCTORS MUST BE CONNECTED TO THE FOLLOWING POINTS:

BLOCK	POINT	COLOR	WIRE NO.	BLOCK	POINT	COLOR	WIRE NO.	BLOCK	POINT	COLOR	WIRE NO.
M442	0A	PK	A								
M444	0B	WH	B								
M444	0C	RS	C								

RETENTION TIME LT

MAR 17 1982

COMPUTER

RECEIVED

MAR 17 1982

QC-DCC

INSTALLER MUST COMPLETE SPACE AT THRU SIGN AND DATE

NO. OF CONDUCTORS

DATE

INSTALLED BY

DATE INSTALLED

1E2VMSIP020202

1E2VMSIP020202

1B27F302

0000

10442

4098

1E2VMSIP020202

1B27F302

00.3

TERMINATION  
DESIGN  
DETAILS

LOCATION OF TERMINATION

1E2VMSIP020202

1B27F302

PUMP

1E2VMSIP020202

1E2VMSIP020202

1B27F302

THE CONDUCTORS MUST BE CONNECTED TO THE FOLLOWING POINTS:

BLOCK	POINT	COLOR	WIRE NO.	BLOCK	POINT	COLOR	WIRE NO.	BLOCK	POINT	COLOR	WIRE NO.
M442	0A	PK	A								
M444	0B	WH	B								
M444	0C	RS	C								

RETENTION TIME LT

MAR 17 1982

COMPUTER

RECEIVED

MAR 17 1982

QC-DCC

INSTALLER MUST COMPLETE SPACE AT THRU SIGN AND DATE

NO. OF CONDUCTORS

DATE

INSTALLED BY

DATE INSTALLED

CONTROL AND TRACKING SYSTEM  
TERMINATION INSTALLATION CARD



NO.	VERIFICATION DESCRIPTION	NFE	DATE	UCC	DATE
1.0	FLEX CONDUITS INSTALLED, IF REQUIRED.				
2.0	TERMINATION PER -CONTROL AND TRACKING SYSTEM TERMINATION INSTALLATION CAPC-				
3.0	TERMINATION PER SPEC 13-EM-306, REV 5 EXCLUDE TESTING				
4.0	TORQUE WRENCH S/N 21A 576 CALIBRATION DUE 4/82				
5.0	CRIMPING TOOL S/N JCB 0172 CALIBRATION DUE 3/82				
6.0	TERMINATIONS IDENTIFIED PER SPEC 13-EM-303, REV. 7				
7.0	CABLE TIED, SUPPORTED, AND SEPARATED - IF REQUIRED.				
8.0	GROUNDING IS INSTALLED AS REQUIRED.				
REMARKS: <i>System installed in K-11111-5-15/82 - per spec 13-EM-306 LOT # Forward to 42, 5/16/82 S.W.P. 1456 2/1/82</i>					
SIGNATURES		NFE DATE: <i>[Signature]</i> UCC DATE: <i>[Signature]</i>			

N/A 2/1/82  
 2/1/82  
 2/1/82  
 2/1/82  
 2/1/82  
 2/1/82  
 N/A 2/1/82

## TERMINATION INSPECTION RECORD

NO.	VERIFICATION DESCRIPTION	NFE	DATE	UCC	DATE
1.0	FLEX CONDUITS INSTALLED, IF REQUIRED.				
2.0	TERMINATION PER -CONTROL AND TRACKING SYSTEM TERMINATION INSTALLATION CAPC-				
3.0	TERMINATION PER SPEC 13-EM-306, REV 5 EXCLUDE TESTING				
4.0	TORQUE WRENCH S/N CALIBRATION DUE				
5.0	CRIMPING TOOL S/N CALIBRATION DUE				
6.0	TERMINATIONS IDENTIFIED PER SPEC 13-EM-303, REV. 7				
7.0	CABLE TIED, SUPPORTED, AND SEPARATED - IF REQUIRED.				
8.0	GROUNDING IS INSTALLED AS REQUIRED.				
REMARKS: <i>Terminations installed per spec 13-EM-306 2/1/82</i>					
SIGNATURES		NFE DATE: <i>[Signature]</i> UCC DATE: <i>[Signature]</i>			

TERMINATION LOCATION: [Redacted]

LOCATION OF TERMINATION: **WINSTAPOL** **FU** **UMP**

LOCATION: **SAFETY INJECTION SYSTEM**

ET 10240041040 13524003

THE CONDUCTORS MUST BE CONNECTED TO THE FOLLOWING POINTS:

WIRE NO.	POINT 1	POINT 2	POINT 3	POINT 4	POINT 5	POINT 6	POINT 7	POINT 8	POINT 9	POINT 10
1	CA	BA	A							
2	CB	BB	B							
3	CC	BC	C							

RETENTION TIME LT  
DEC 9 1981  
COMPUTER

RECEIVED  
DEC 9 1981  
CC-DCC

CC-KDC 155102AC104 6312 CC

INSTALLED BY: *Louis A. Nichols* E1-495 DATE: 12/1/81

CONTROL AND TRACKING SYSTEM  
TERMINATION INSTALLATION CARD



CC 155102AC104 6312 65.3

TERMINATION LOCATION: [Redacted]

LOCATION OF TERMINATION: **WINSTAPOL** **FU** **UMP**

LOCATION: **SAFETY INJECTION SYSTEM**

ET 10240041040 13524003

THE CONDUCTORS MUST BE CONNECTED TO THE FOLLOWING POINTS:

WIRE NO.	POINT 1	POINT 2	POINT 3	POINT 4	POINT 5	POINT 6	POINT 7	POINT 8	POINT 9	POINT 10
1	CA	BA	A							
2	CB	BB	B							
3	CC	BC	C							

RETENTION TIME LT  
DEC 14 1981  
COMPUTER

RECEIVED  
DEC 10 1981  
CC-DCC

CC-KDC 155102AC104 6312 CC

INSTALLED BY: *Roy W. Smith* E1-1201 DATE: 12/1/81

CONTROL AND TRACKING SYSTEM  
TERMINATION INSTALLATION CARD





- 1.0 FLEX CONDUITS INSTALLED, IF REQUIRED.
- 2.0 TERMINATION PER -CONTROL AND TRACKING SYSTEM  
TERMINATION INSTALLATION CARD-
- 3.0 ~~TERMINATION PER SPEC 13-EM-303, REV. 7/1/81~~
- 4.0 TORQUE WRENCH S/N JMA 53/ CALIBRATION DUE 1-7-82
- 5.0 CRIMPING TOOL S/N FB 0172 CALIBRATION DUE 7/1/81
- 6.0 TERMINATIONS IDENTIFIED PER SPEC 13-EM-303, REV. 7/1/81
- 7.0 CABLE TIED, SUPPORTED, AND SEPARATED -IF REQUIRED-
- 8.0 GROUNDING IS INSTALLED AS REQUIRED.

N/A 11-16-81  
N/A 11-16-81  
N/A 11-16-81  
N/A 11-16-81  
N/A 11-16-81  
N/A 11-16-81  
N/A 11-16-81

REMARKS: Torque wrench JMA 53 EXP. 4/9/82

- HVMC 5-15/80-00 Lot # K6672 master made for  
Tied to 41.6 ft lbs

SUPERINTENDENT/DATE: *[Signature]* 10/31/81  
NFE/DATE: *[Signature]* 12-7-81  
SIGNATURES: *[Signature]* 10/31/81

## TERMINATION INSPECTION RECORD

K-3879

NO.	VERIFICATION DESCRIPTION	NFE	DATE	QCE	DATE	TYPE
1.0	FLEX CONDUITS INSTALLED, IF REQUIRED.			N/A	11-9-81	
2.0	TERMINATION PER -CONTROL AND TRACKING SYSTEM TERMINATION INSTALLATION CARD-			N/A	11-10-81	
3.0	<del>TERMINATION PER SPEC 13-EM-303, REV. 7/1/81</del>			N/A	11-10-81	
4.0	TORQUE WRENCH S/N JMA 0552 CALIBRATION DUE 1-7-82			N/A	11-9-81	
5.0	CRIMPING TOOL S/N FB 0172 CALIBRATION DUE 7/1/81			N/A	11-9-81	
6.0	TERMINATIONS IDENTIFIED PER SPEC 13-EM-303, REV. 7/1/81			N/A	11-9-81	
7.0	CABLE TIED, SUPPORTED, AND SEPARATED -IF REQUIRED-			N/A	11-9-81	
8.0	GROUNDING IS INSTALLED AS REQUIRED.			N/A	11-9-81	
	CRIMPING TOOL S/N FB 0944 Calibration due 1/82			N/A	11-7-81	

REMARKS:

N.T. HVMC 5-15/80-00 Lot # K6672 master made for

\* LUGS NOT IN PRODUCE WITH

SUPERINTENDENT/DATE: *[Signature]* 10/31/81  
NFE/DATE: *[Signature]* 12-7-81  
SIGNATURES: *[Signature]* 10/31/81

EC 1ESP1AC1CA (111) 85.3

TERMINATION DESIGN  
DETAILS

LOCATION OF TERMINATION  
F-1 MSP4P01 PU PUMP

LOCATION DESIGN  
DETAILS  
ERSEN SPRAY FOLD PUMP

ER 1EZYSS4RC03 1PSPU01 00

THE CONDUCTORS MUST BE CONNECTED TO THE FOLLOWING POINTS:

BLOCK	POINT	COLOR	WIRE NO.	BLOCK	POINT	COLOR	WIRE NO.
P01	T1	RD	A				
P01	T2	RD	B				
P01	T3	RD	C				
		SHLD	SHLCA				
		SHLD	SHLCB				
		SHLD	SHLCC				

RETENTION TIME LT  
OCT 21 1982  
COMPUTER  
RECEIVED  
OCT 21 1982  
OCC  
INSTALLER MUST COMPLETE SPACES 11 THRU 15 AND DATE  
NO. OF CONNECTIONS  
CRIMP TOOL  
INSTALLED BY P. M. Anderson DATE 10/6/82

EC 1ESP1AC1CA2 03 0001 20 Aug 82

EC 1ESP1AC1CA 6111 85.2

TERMINATION DESIGN  
DETAILS

LOCATION OF TERMINATION  
F-1 MSP4P01

LOCATION DESIGN  
DETAILS

ER 1EZYSS4RC03

THE CONDUCTORS MUST BE CONNECTED TO THE FOLLOWING POINTS:

BLOCK	POINT	COLOR	WIRE NO.	BLOCK	POINT	COLOR	WIRE NO.
P01	T1	SHLD	SHLCA				
		RD	A				
P01	T2	SHLD	SHLCB				
		RD	B				
P01	T3	SHLD	SHLCC				
		RD	C				

RETENTION TIME LT  
OCT 21 1982  
COMPUTER  
RECEIVED  
OCT 21 1982  
OCC  
INSTALLER MUST COMPLETE SPACES 11 THRU 15 AND DATE  
NO. OF CONNECTIONS  
CRIMP TOOL  
INSTALLED BY P. M. Anderson DATE 10/6/82


CONTROL AND TRACKING SYSTEM  
TERMINATION INSTALLATION CARD



CONTROL AND TRACKING SYSTEM  
TERMINATION INSTALLATION CARD



Orange

REMARKS: <i>See 10/16/82</i>		NUNCES 5 215/20-00 255/13/12		10/6/82	
LOT <i>4457</i>					
SUPERINTENDENT DATE		RFE DATE			
SIGNATURES		<i>See 10/16/82</i> <i>Russell R. Bell 10/19/82</i>			

REMARKS <i>SE</i>			
<i>Transfered to 4th St. 10/5/82</i>			
SIGNATURES	SUPERINTENDENT DATE	DATE	
		<i>10/19/82</i>	

EW	1ESP01BC1CA2	08		B	GR-GREEN	03	0002	200C81	3531
CON.	TERMINATION NUMBER	REV.	TERMINATION CODE	SEPARATION GROUP AND COLOR	NO. OF CABLES	NO. OF CONNECTIONS	DATE ISSUED	ICD ISSUE	
EC	1ESP01BC1CA	6112						85.3	
CON.	CABLE NUMBER	CABLE CODE		TERMINATION DESCRIPTION				ACCOUNT CODE	

TERMINATION  
DESIGN  
DETAILS

## LOCATION OF TERMINATION

E*	1MSPBP01	PU	PUMP
CON.	LOCATION NUMBER	LOCATION CODE	LOCATION DESCRIPTION

LOCATION  
DESIGN  
DETAILS

ESSEN-SPRAY POND PUMP B

ER	1EZYS3BRC02	13ESPU01	00				
LAST RACEWAY	FLATOUT	KEY	CONNECT	REV.	VENDOR	REV.	
	DRAWING	DRAWING	DRAWING	DRAWING	DRAWING	DRAWING	

THE CONDUCTORS MUST BE CONNECTED TO THE FOLLOWING POINTS:

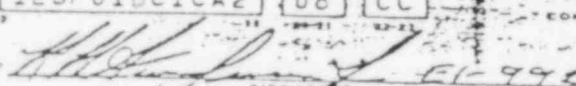
BLOCK	POINT	COLOR	WIRE NO.	BLOCK	POINT	COLOR	WIRE NO.	BLOCK	POINT	COLOR	WIRE NO.
P01*	T1	BK	A								
P01*	T2	BK	B								
P01*	T3	BK	C								
		SHLD	*SHLDA								
		SHLD	*SHLDB								
		SHLD	*SHLDC								

RETENTION TIME LT  
 NOV 30 1981  
 COMPUTER

NOV 4 1981  
 QC-DCC

GEWKDC	1ESP01BC1CA2	08	CC						
				NO. OF CONNECTIONS				CRIMP TOOL	180797

INSTALLED BY


DATE  
INSTALLED 11/10/318/1
 CONTROL AND TRACKING SYSTEM  
 TERMINATION INSTALLATION


## TERMINATION INSPECTION RECORD

[illegible]



EC 1EEW01BC1CA 5312 85.3

TERMINATION  
DESIGN  
DETAILS

ECWS PUMP B

LOCATION OF TERMINATION

F 1EEW01BC1CA

PUMP

LOCATION DESCRIPTION

(Component)  
(Cooling)

LOCATION  
DESIGN  
DETAILS

ESSENTIAL CLG WTR PUMP B

ET 1EZAFDTCOA

1357400R

01

CONNECT  
DRAWING

REV.

VM093124

03

THE CONDUCTORS MUST BE CONNECTED TO THE FOLLOWING POINTS:

BLOCK	POINT	COLOR	WIRE NO.	BLOCK	POINT	COLOR	WIRE NO.	BLOCK	POINT	COLOR	WIRE NO.
M***	0A	BK	A	RETENTION TIME LT FEB 19 1982 COMPUTER							
M***	0B	WH	B								
M***	0C	RD	C								

RECEIVED  
FEB 18 1982  
QC-DCC

GEWKDC 1EEW01BC1CA2 05 00

NO. OF CONNECTIONS

CRIMP TOOL 10906

INSTALLED BY

*[Signature]* 61-992

DATE INSTALLED 9/2/1/8/1



EW 1EEW01AC1CA2 05

TERMINATION CODE

RD-RED

01

0003

21AU81

3248

EC 1EEW01AC1CA

5311

TERMINATION DESCRIPTION

85.3

TERMINATION  
DESIGN  
DETAILS

ECWS PUMP A

LOCATION OF TERMINATION

F 1EEW01BC1CA

PUMP

LOCATION DESCRIPTION

(Cooling Pumps)

LOCATION  
DESIGN  
DETAILS

ESSENTIAL CLG WTR PUMP A

ET 1EZAFDTCOA

13F2AC31

00

CONNECT  
DRAWING

REV.

VM093124

03

THE CONDUCTORS MUST BE CONNECTED TO THE FOLLOWING POINTS:

BLOCK	POINT	COLOR	WIRE NO.	BLOCK	POINT	COLOR	WIRE NO.	BLOCK	POINT	COLOR	WIRE NO.
M***	0A	BK	A	RETENTION TIME LT FEB 19 1982 COMPUTER							
M***	0B	WH	B								
M***	0C	RD	C								

RECEIVED  
FEB 18 1982  
QC-DCC

GEWKDC 1EEW01AC1CA2 05 00

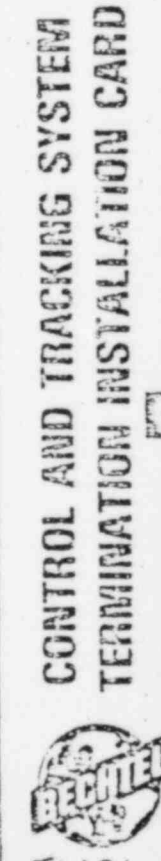
NO. OF CONNECTIONS

CRIMP TOOL 10906

INSTALLED BY

*[Signature]* 61-1069

DATE INSTALLED 9/2/2/8/1



CONTROL AND TRACKING SYSTEM  
TERMINATION INSTALLATION CARD

CONTROL AND TRACKING SYSTEM  
TERMINATION INSTALLATION CARD



# TERMINATION INSPECTION RECORD

NO.	VERIFICATION DESCRIPTION	RFE	DATE	OCE	DATE	T
1.0	FLEX CONDUITS INSTALLED, IF REQUIRED.			N/A	2-2-82	
2.0	TERMINATION PER -CONTROL AND TRACKING SYSTEM TERMINATION INSTALLATION CARD-.			186	2-2-82	
3.0	TERMINATION PER SPEC 13-EM-306, REV 5 EXCLUDE TESTING			186	2-2-82	
4.0	TORQUE WRENCH S/N JMA0513 CALIBRATION DUE 4/9/82			186	2-2-82	
5.0	CRIMPING TOOL S/N JFB0906 CALIBRATION DUE 11/81			186	2-2-82	
6.0	TERMINATIONS IDENTIFIED PER SPEC 13-EM-303, REV. 7			186	2-2-82	
7.0	CABLE TIED, SUPPORTED, AND SEPARATED -IF REQUIRED-.			186	2-2-82	
8.0	GROUNDING IS INSTALLED AS REQUIRED.			N/A	2-2-82	

H4-POT COMPLETE 9-24-81 *CCJ*

REMARKS: THIS CABLE WAS FORMED & LUGGED BUT NOT TERMINATED 9-21-81 *CCJ*  
 USE MCK-5-42-AX - SHIM FEEDER CABLE WITH 6" PACE OF WCSF-500-N ON  
 THE CABLE AT TARGET OUT BACK LOT # K-4560 RIGGED TO 42 FIBERS 2-2-82

SIGNATURES  
 SUPERINTENDENT/DATE  
 RFE/DATE  
 OCE/DATE  
*CCJ* 9-24-81  
*CCJ* 9-18-82

# TERMINATION INSPECTION RECORD

NO.	VERIFICATION DESCRIPTION	RFE	DATE	OCE	DATE	T
1.0	FLEX CONDUITS INSTALLED, IF REQUIRED.			N/A	2-17-82	
2.0	TERMINATION PER -CONTROL AND TRACKING SYSTEM TERMINATION INSTALLATION CARD-.			179	2-17-82	
3.0	TERMINATION PER SPEC 13-EM-306, REV 5 EXCLUDE TESTING			179	2-17-82	
4.0	TORQUE WRENCH S/N JMA0513 CALIBRATION DUE 4/9/82			179	2-17-82	
5.0	CRIMPING TOOL S/N JFB0906 CALIBRATION DUE 11/81			179	2-17-82	
6.0	TERMINATIONS IDENTIFIED PER SPEC 13-EM-303, REV. 7			179	2-17-82	
7.0	CABLE TIED, SUPPORTED, AND SEPARATED -IF REQUIRED-.			179	2-17-82	
8.0	GROUNDING IS INSTALLED AS REQUIRED.			N/A	2-17-82	

H4-POT COMPLETE 9-24-81 *CCJ*

REMARKS: THIS CABLE WAS FORMED & LUGGED BUT NOT TERMINATED 9-21-81 *CCJ*  
 USE MCK-5-42-AX - SHIM FEEDER WITH 6" PACE OF WCSF-500-N ON CABLE  
 AT TARGET OUT BACK LOT # K-4560

SIGNATURES  
 SUPERINTENDENT/DATE  
 RFE/DATE  
 OCE/DATE  
*CCJ* 9-24-81  
*CCJ* 9-17-82