

U. S. NUCLEAR REGULATORY COMMISSION

REGION III

Report No. 50-456/84-29(DRS)

Docket Nos. 50-456

License No. CPPR-132

Licensee: Commonwealth Edison Company
Post Office Box 767
Chicago, IL 60690

Facility Name: Braidwood Station, Unit 1

Inspection At: Braidwo. Site, Braidwood, IL

Inspection Conducted: October 1-4, 1984

Inspector: *C. C. Williams for*
E. F. Christnut

10-19-84
Date

Approved By: *C. C. Williams*
C. C. Williams, Chief
Plant Systems Section

10-19-84
Date

Inspection Summary

Inspection on October 1-4, 1984 (Report No. 50-456/84-29(DRS))

Areas Inspected: Observation of the licensee's work activities for electrical components and systems installation and review of quality records. The inspection involved a total of 32 inspector hours.

Results: Of the areas inspected no items of noncompliance or deviation were noted.

DETAILS

1. Persons Contacted

Commonwealth Edison Company (CECo)

- D. L. Shamblin, Project Construction Superintendent
- *C. W. Schroeder, Project Licensing and Compliance Superintendent
- *G. E. Groth, Assistant Project Licensing and Compliance Superintendent
- *L. J. Tapella, Project Construction Department
- *J. W. Giesker, Project Construction Department
- *C. Mennecke, Project Construction Department
- *D. A. Brown, Quality Assurance Supervisor
- *P. L. Barnes, Project Licensing and Compliance
- *D. L. Cecchett, Project Licensing and Compliance

L. K. Comstock Company (LKC)

- *D. Owens, Assistant Project Manager
- *I. DeWald, QC Manager
- *J. Klena, Project Engineer
- *R. Soltmann, QA Engineer

The inspector also contacted and interviewed other licensee and contractor personnel during this reporting period.

*Denotes those persons present at the exit interview on October 4, 1984.

2. Electrical (Components and Systems I) - Observation of Work and Work Activities (51053B)

The inspector made a field observation and reviewed module requirements for the following electrical components and systems:

- 4160 Volt Switchgear, Bus 141 - 1AP05E
- 4160 Volt/480 Volt ESF Transformer 131X - 1AP11E
- 480 Volt ESF Switchgear 131X - 1AP10E
- Auxiliary Building ESF Motor Control Center - MCC 131X2 - 1AP25E
- Auxiliary Building ESF Motor Control Center - MCC 131X2A - 1AP25EA
- Auxiliary Building ESF Motor Control Center - MCC 131X3 - 1AP22E
- Auxiliary Building ESF Motor Control Center - MCC 131X4 - 1AP26E
- Auxiliary Building ESF Motor Control Center - MCC 131X5 - 1AP30E
- Diesel Generator - 1DG 1A and Control Panel - 1PL07J

a. 4160 Volt SWGR - 1AP05E

- (1) The inspector observed that the switchgear was installed on the 426' - 0" elevation between columns L.2 and N.9 at column 8 as indicated on Drawing 20E-1-3351, Revision AR, dated September 9, 1984 and titled "ELECTRICAL INSTALLATION, AUXILIARY BUILDING PLAN EL 426' - 0", COLS L-Q, G-10" and as

indicated on Drawing 20E-1-3351B, Revision N, dated January 27, 1984 and titled "ELECT. INSTALLATION EQUIPMENT LOCATION PLAN EL. 426' - 0", COLS G-10, L-Q."

- (2) The inspector observed that the switchgear was labeled with segregation code SAFETY DIVISION I [green label] and that separation and redundancy existed between SAFETY DIVISION I [Div I] and SAFETY DIVISION II [Div II (brown label)].
- (3) The inspector observed that the switchgear appeared to be clean, free of internal and external debris and that no equipment damage was apparent.

b. 4160/480 Volt ESF Transformer 131X - 1AP11E

- (1) The inspector observed that the transformer was installed on the 426' - 0" elevation between columns 9 and 9.7 at column P.1 as indicated on the drawings discussed in Section 2.b.(1).
- (2) The inspector observed that the transformer was not labeled with a DIV I or DIV II equipment identification code; however, it was identified as 1AP11E with a grey piece of tape. This item remains open pending proper segregation code identification of the transformer (456/84-29-01).
- (3) The inspector observed that the transformer appeared to be clean, free of internal and external debris and that no equipment damage was apparent.

c. 480 Volt ESF SWGR 131X - 1AP10E

- (1) The inspector observed that the switchgear was installed on the 426' - 0" elevation between columns 7.9 and 8.6 at column P.1 as indicated on the drawings discussed in Section 2.b.(1).
- (2) The inspector observed that the switchgear was labeled with segregation code DIV I and that separation and redundancy existed between DIV I and DIV II.
- (3) The inspector observed that the switchgear appeared to be clean, free of internal and external debris and that no equipment damage was apparent. The inspector also observed that the switchgear was tagged with Nonconformance Report (NCR) No. 1622 and the tag stated that the switchgear was not mounted according to detail.

d. 480 Volt ESF MCC 131X2 - 1AP25E

- (1) The inspector observed that the MCC was installed on the 414' - 0" elevation between columns 11.2 and 11.4 at

column Q.7 as indicated on Drawing 20E-1-3342, Revision AR, dated July 13, 1984 and titled "ELECTRICAL INSTALLATION, AUXILIARY BUILDING PLAN EL 414' - 0", COLS Q-W, 11-15."

- (2) The inspector observed that the MCC was labeled with segregation code DIV I and that separation and redundancy existed between DIV I and DIV II.
- (3) The inspector observed that the MCC appeared to be clean, free of internal and external debris and that no equipment damage was apparent.

e. 480 Volt ESF MCC 131X2A - 1AP25EA

- (1) The inspector observed that the MCC was installed between columns 11.1 and 11.2 at column Q.7; however, it was not identified on the drawing discussed in Section 2.d.(1).
- (2) The inspector observed that the MCC was labeled with segregation code DIV I and that separation and redundancy existed between DIV I and DIV II.
- (3) The inspector observed that the MCC appeared to be clean, free of internal and external debris and that no equipment damage was apparent.

f. 480 Volt ESF MCC 131X3 - 1AP22E

- (1) The inspector observed that the MCC was installed on the 383' - 0" elevation between columns N.2 and N.9 at column 14.9 as indicated on Drawing 20E-0-3321, Revision AS, dated September 14, 1984 and titled "ELECTRICAL INSTALLATION, AUXILIARY BUILDING PLAN EL 383' - 0", COLS L-Q, 10-15."
- (2) The inspector observed that the MCC was labeled with segregation code DIV I and that separation and redundancy existed between DIV I and DIV II.
- (3) The inspector observed that the MCC appeared to be clean, free of internal and external debris and no equipment damage was apparent.

g. 480 Volt ESF MCC 131X4 - 1AP26E

- (1) The inspector observed that the MCC was installed on the 414' - 0" elevation between columns S.2 and S.6 at column 12.5 as indicated on the drawing discussed in Section 2.d.(1).
- (2) The inspector observed that the MCC was labeled with segregation code DIV I and that separation and redundancy existed between DIV I and DIV II.

- (3) The inspector observed that the MCC appeared to be clean, free of internal and external debris and no equipment damage was apparent.

h. 480 Volt ESF MCC 131X5 - 1AP30E

- (1) The inspector observed that the MCC was installed on the 426' - 0" elevation between columns 15.9 and 16.8 at column P.9 as indicated on Drawing 20E-0-3352, Revision AT, dated August 24, 1984 and titled "ELECTRICAL INSTALLATION, AUXILIARY BUILDING PLAN EL 426' - 0", COLS L-Q, 15-21."
- (2) The inspector observed that the MCC was labeled with segregation code DIV I and that separation and redundancy existed between DIV I and DIV II.
- (3) The inspector observed that the MCC appeared to be clean, free of internal and external debris and that no equipment damage was apparent.

i. Diesel Generator (DG) - 1DG 1A and DG Control Panel - 1PL07J

- (1) The inspector observed that the DG and DG Control Panel were installed on the 401' - 0" elevation as indicated on Drawing 20E-1-3331, Revision AN, dated August 10, 1984 and titled "ELECTRICAL INSTALLATION, AUXILIARY BUILDING PLAN EL 401' - 0", COL L-Q, 6-10."
- (2) The inspector observed that the DG Control Panel was labeled with segregation code DIV I and that separation and redundancy existed between DIV I and DIV II.
- (3) The inspector observed that the DG and DG Panel appeared to be clean, free of internal and external debris and no equipment damage was apparent.

The inspector concluded that the equipment location, separation and redundancy requirements were met. The equipment observed during the plant walk-down indicated that the protection and cleanliness requirements after installation were met. The identification of non-conforming installations was in accordance with requirements. This module is considered 100% percent completed.

No items of noncompliance or deviations were identified.

3. Electrical (Components and Systems II) - Observations of Work and Work Activities (51054B)

The inspector made field observations and reviewed module requirements for the following electrical components and systems:

Battery and Rack Bus 111-1DC01EA
Battery and Rack Bus 111-1DC01EB

Battery Charger Bus 111-1DC03E
125 Volt DC Distribution Center Bus 111-1DC05E
125 Volt DC ESF Distribution Panel Bus 111-1DC05EA
Inverter, Instrument Bus 114, Channel IV-1IP08E

a. Battery and Rack - 1DC01EA

- (1) The inspector observed that the battery and rack were installed on the 451' - 0" elevation between columns L.2 and L.6 at column 7.9 as indicated on Drawing 20E-1-3371, Revision AK, dated September 14, 1984 and titled "ELECTRICAL INSTALLATION, AUXILIARY BUILDING PLAN EL 451' - 0", COLS 6-10, L-Q" and as indicated on Drawing 20E-1-3371B, Revision 12, dated September 14, 1984 and titled "ELECTRICAL INSTALLATION, EQUIPMENT LOCATION AUXILIARY BUILDING SWGR BATTERY AND MISC. ELECT. EQUIPMENT ROOMS, PLAN EL 451' - 0", COLS 6-10, L-Q."
- (2) The inspector observed that the battery and rack were not labeled in the field; however, construction activities are planned and/or in progress involving the installation of a wall in both DIV I and DIV II battery rooms. The inspector further observed that separation and redundancy existed between DIV I and DIV II.
- (3) The inspector observed that the battery and rack appeared to be clean, free of interior and exterior debris. It was also noted that damage was apparent to three cells. The licensee had previously noted and documented this damage.

b. Battery and Rack - 1DC01EB

- (1) The inspector observed that the battery and rack were installed on the 451' - 0" elevation between columns L.2 to L.6 at column B.1 as indicated on the drawings discussed in Section 3.a.(1).
- (2) The inspector observed that installation was ongoing and the battery and rack were not labeled as yet. Separation and redundancy as required existed between DIV I and DIV II.
- (3) The inspector observed that the battery and rack appeared to be clean, free of internal and external debris, and no equipment damage was apparent.

c. Battery Charger Bus 111 - 1DC03E

- (1) The inspector observed that the battery charger was installed on the 451' - 0" elevation between columns L.6 to L.8 at column 9 as indicated on the drawings discussed in Section 3.a.(1).

- (2) The inspector observed that the battery charger was labeled with segregation code DIV I and that separation and redundancy existed between DIV I and DIV II.
 - (3) The inspector observed that the battery charger appeared to be clean, free of internal and external debris and that no equipment damage was apparent. The inspector also observed that the battery charger was properly tagged with NCR No. 1671, which stated that one of six anchor bolts was broken.
- d. 125 Volt DC Distribution Center Bus 111-1DC05E
- (1) The inspector observed that the distribution center was installed on the 451' - 0" elevation between columns L.3 to L.8 at column 9 as indicated on the drawings discussed in Section 3.a.(1).
 - (2) The inspector observed that the distribution center was labeled with segregation code DIV I and that separation and redundancy existed between DIV I and DIV II.
 - (3) The inspector observed that the distribution center appeared to be clean, free of internal and external debris and that no equipment damage was apparent.
- e. 125 Volt DC ESF Distribution Panel - 1DC05EA
- (1) The inspector observed that the Distribution Panel was an integral part of DC Distribution Center, 1DC05E, as discussed in Section 3.d.(1).
 - (2) The inspector observed that the Distribution Panel was labeled with segregation code DIV I and that separation and redundancy existed between DIV I and DIV II.
 - (3) The inspector observed that the distribution panel was clean, free of internal and external debris and that no equipment damage was apparent.
- f. Inverter, Instrument Bus 114, Channel IV-1IP08E
- (1) The inspector observed that the inverter was installed on the 451' - 0" elevation between columns N.3 to N.4 at column 8.1 as indicated on the drawings discussed in Section 3.a.(1).
 - (2) The inspector observed that the inverter was labeled with a Channel IV segregation code, orange label, and that separation and redundancy existed between Channel IV and Channel II, yellow label.
 - (3) The inspector observed that the inverter appeared to be free of internal and external debris and that no damage was apparent.

The inspector concluded that equipment location, separation and redundancy requirements were met. Further the equipment observed during plant walk-down indicated that the requirements, for protection and cleanliness after installation were met. The identification and control of nonconforming conditions met the requirements. This module is considered 40% completed.

No items of noncompliance or deviations were identified in any of the above areas.

4. Electrical (Components and Systems I and II) - Review of Quality Records (51055B and 510563)

The inspector reviewed quality records, such as the LKC installation reports (Form 38), the weld inspection checklist (Form 19) and the installation detail drawings for the equipment listed in Paragraphs 2 and 3. The inspector also reviewed selected Nonconformance Reports (NCR) Form 14, Inspection Correction Reports (ICR) Form 30 and the Certificate of Qualification Form 56 for the QA/QC personnel involved in the installation and weld inspections for the same equipment. Except where noted, the records appeared to be in conformance with established procedures and licensee commitments.

a. 4160 Volt Switchgear Bus 141 - 1AP05E

- (1) Review of the Form 38 indicated that the equipment was installed in the location as specified on the drawings discussed in Section 2.a.(1).
- (2) Review of the Form 19 indicated that NCR 1898 and ICR 4450 were written and that Detail 47 of Drawing 20E-0-3391C, Revision AL, titled "ELECTRICAL INSTALLATION, ELECTRICAL EQUIPMENT MOUNTING DETAILS, SHT 1" was used in mounting the equipment.
- (3) Review of ICR 4450, written on February 3, 1984, indicated that the welds were rejected because the spacing was not in accordance with the detail, the action completed was dated March 15, 1984 and the ICR was signed as "ACCEPTED" on July 19, 1984.
- (4) Review of NCR 1848, written on February 3, 1984, indicated that the recommended disposition checked was "USE AS IS," dated March 8, 1984, with the comment "Weld cannot be inspected until panels are de-energized;" however, this was changed to "OTHER" dated March 29, 1984, with the comment "De-energize for Reinspection, Rework if necessary," CECo concurrence was dated April 2, 1984, with the comment "Reinspect and Rework if necessary," correction action completed was dated April 5, 1984, QC verification of corrected action, dated July 19, 1984, was checked "ACCEPT," and the nonconformance closed was dated July 19, 1984.

b. 4160/480 Volt ESF Transformer - 1AP11E

- (1) Review of Form 38 indicated that the equipment was installed in the location as specified on the drawings discussed in Section 2.a.(1).
- (2) Review of Form 19 indicated that ICR 4406 was written and that Detail 121 of Drawing 20E-0-3391F, Revision M, titled "ELECTRICAL INSTALLATION, ELECTRICAL EQUIPMENT MOUNTING DETAILS, SHT. NO. 4" was used in mounting the equipment.
- (3) Review of ICR 4406, written on January 31, 1984, indicated that the equipment was not identified on the drawings discussed in Section 2.a.(1). The action completed stated that the equipment is identified on Drawing 20E-1-3351, Revision N and was dated February 2, 1984, and the ICR was signed as "ACCEPTED" dated March 20, 1984.

c. 480 Volt ESF Switchgear - 1AP10E

- (1) Review of Form 38 indicated that the equipment was installed in the location as specified on the drawings discussed in Section 2.a.(1).
- (2) Review of Form 19, indicated that NCR 1622 was written and that the equipment was not mounted per the detail specified on the drawing discussed in Section 4.a.(2). The inspector noted that the wrong drawing number, but correct detail number was used on the Form 19, however, this item was corrected by LKC personnel on October 4, 1984.
- (3) Review of NCR 1622, written on December 8, 1983, indicated that the equipment was not mounted per Detail No. 48, but per Detail No. 47 of the drawing discussed in Section 4.a.(2); the recommend disposition was not checked; however, the comment "Welded as per Detail No. 47, Drawing 0-3391C holes in base did not match up with embedded steel," was in the recommended disposition section, and the inspector noted that this NCR is still open and being processed.

d. 480 Volt ESF MCC - 1AP25E

- (1) Review of the Form 38 indicated that the equipment was installed in the location as specified on the drawing discussed in Section 2.d.(7) and that ICR 3838 was written.
- (2) Review of Form 19 indicated that ICR 3757 was written and that Detail No. 21 of the drawing discussed in Section 4.a.(2) was used in mounting the equipment.
- (3) Review of ICR 3838, written on November 11, 1983, indicated that a grounding detail was missing, bolts were missing and

debris was inside the panel, the action completed was dated February 6, 1984 and the ICR was signed as "ACCEPTED" on February 10, 1984.

- (4) Review of ICR 3737, written on November 28, 1983, indicated that numerous welds were rejected for various reasons, the action completed was dated January 31, 1984 and the ICR was signed as "ACCEPTED" on February 10, 1984.

e. 480 Volt ESF MCC - 1AP25EA

- (1) The inspector could not locate a Form 38 for this equipment.
- (2) The inspector could not locate a Form 19 for this equipment and the mounting detail for the equipment could not be located by the inspector on any of the 20E-0-3391C series of drawings. This item including (1) is considered open pending resolution by the licensee (456/84-29-02).

f. 480 Volt ESF MCC - 1AP22E

- (1) Review of Form 38 indicated that the equipment was installed in the location specified on the drawing discussed in Section 2.f.(1). It was noted by the Inspector that the Form 38 was reviewed and signed by a QC Level II on November 16, 1984, however, the QC Level II's certification of qualification as a Level II for equipment installation could not be located. This item to be unresolved pending identification of the required personnel certification by the licensee (456/84-29-03).
- (2) Review of Form 19 indicated that ICR 3192 and NCR 2341 were written and that Detail No. 21 of the drawing discussed in Section 4.a.(2) was used in mounting the equipment.
- (3) Review of ICR 3192, written on October 7, 1983, indicated that welds were rejected for various reasons, the action completed was dated January 6, 1984 and the ICR was signed as "NOT ACCEPTED" on January 26, 1984 due to the weld spacing not to detail.
- (4) Review of NCR 2341, written on May 10, 1984, indicated that the use of shimplates are not permitted with equipment mounting Detail No. 21 of Drawing 20E-1-3391C. The inspector noted that the NCR was still being processed.

g. 480 VOLT ESF MCC - 1AP26E

- (1) Review of Form 38 indicated that ICR 3439 was written and that the equipment was installed in the location specified on the drawing discussed in Section 2.d.(1).

- (2) Review of Form 19 indicated that Detail No. 21 of the drawing discussed in Section 4.a.(2) was used in mounting the equipment.
- (3) Review of ICR 3439, written on November 2, 1983, indicated that screws were missing, debris was inside of equipment, a cover was missing and the grounding bolting was of the wrong material, the corrective action completed was dated November 14, 1983 and the ICR was signed "ACCEPTED" on November 30, 1983.

h. 480 Volt ESF MCC - 1AP30E

- (1) Review of Form 38 indicated that the equipment was installed in the location specified on the drawing discussed in Section 2.b.(1).
- (2) Review of Form 19 indicated that NCR 1235 was written and that Detail No. 21 of the drawing discussed in Section 4.a.(2) was used in mounting the equipment.
- (3) Review of NCR 1235, written on August 3, 1983, indicated that the hold down mounting welds were not to detail. The recommended disposition was checked "REWORK," dated September 9, 1983, with a statement to rework based on Drawing 20E-0-3391C, Detail No. 21. The CECO concurrence was to rework to drawing, dated September 15, 1983, corrective action completed was dated October 12, 1983, QC verification of corrective action, dated October 20, 1983, was checked "ACCEPT" and the nonconformance closed was dated October 20, 1983.

i. Battery and Rack - IDC01EA

- (1) Review of Form 38 indicated that NCR 430 was written and that the equipment was installed in the location specified on the drawings discussed in Section 3.a.(1).
- (2) Review of NCR 430, written on December 10, 1981, indicated that the lower bus bar battery racks were not installed per Gould Drawing 064459B, the recommended disposition was checked "USE AS IS," dated December 15, 1981, with a statement that the bus bars were too low to the floor and could not install cable lugs on the lower two racks. The CECO concurrence, dated April 3, 1982, was to use as is per disposition from Gould, corrective action completed was dated June 22, 1982 and the QC reinspection for adequate corrective action was checked "ACCEPT," dated July 9, 1982.

j. Battery and Rack - IDC01EB

Review of Form 38 indicated that NCR 430 was written (discussed in Section 4.i.(2)) and that the equipment was installed in the location specified on the drawings discussed in Section 3.a.(1).

k. Battery Charger - 1DC03E

- (1) Review of Form 38 indicated that NCR 1671 was written and that the equipment was installed in the location specified on the drawings discussed in Section 3.a.(1).
- (2) Review of NCR 1671, written on January 12, 1984, indicated that one of six anchor bolts was broken. The recommended disposition was checked "OTHER," dated February 7, 1984, with a statement that Sargent and Lundy to evaluate structural integrity using five bolts. The inspector noted that the NCR was still being processed.

l. 125 Volt DC Distribution Center - 1DC05E

- (1) Review of Form 38 indicated that ICR 3772 was written and that the equipment was installed in the location specified on the drawings discussed in Section 3.a.(1).
- (2) Review of Form 19 (weld inspection check list) indicated that the weld detail was noted on the form; however, the applicable 3391 series drawing was not. This item is open pending identification of the drawing series action by the licensee (456/84-29-04).
- (3) Review of ICR 3772, written on November 23, 1983, indicated that no grounding details were on the installation drawings and that the equipment needed to be cleaned of debris. The recommend corrective action was to see Detail No. 13 and Note No. 6 on Drawing 0-3391A for the grounding details, the action completed was dated December 20, 1983 and the ICR was signed as "ACCEPTED" on January 12, 1984.

m. 125 Volt DC ESF Distribution Panel - 1DC05EA

The panel is an integral part of equipment 1DC05E discussed in Section 4.1.

n. Inverter, Instrument Bus 114 Channel IV - 1IP08E

- (1) Review of Form 38 indicated that ICR 3907 was written and that the equipment was installed in the location specified on the drawings discussed in Section 3.a.(1).
- (2) Review of ICR 3907, written on December 15, 1983, indicated that required washers on J-bolts were missing and that debris was on top and inside of the equipment, the corrective action completed was dated February 13, 1984 and the ICR was signed as "ACCEPTED" on February 24, 1984.

The inspector concluded that the records and observations confirm that the equipment was installed in the locations specified, that the

required inspections were performed, that the current status of NCR's and ICR's is available and that NCR's include the status of corrective action and/or resolution.

Module 51055B is considered 100% completed and Module 51056B is considered 30% completed.

No items of noncompliance or deviations were identified.

5. Review of Quality Control Personnel Qualifications (51053B, 51054B, 51055B and 51056B)

The inspector reviewed the qualification records of the QC personnel involved in the equipment installation discussed in Sections 2 and 3.

- a. Inspector "A", Level II, was tested for equipment installation dated January 11, 1984, and certified on January 12, 1984 and was also tested for welding on December 19, 1983 and certified on December 22, 1984.
- b. Inspector "B", Level II, was tested for equipment installation dated February 10, 1982 and certified on December 22, 1983 and was also tested for welding on May 12, 1982 and certified on December 22, 1983.
- c. Inspector "C", Level II, was tested for equipment installation dated October 17, 1983 and certified on October 17, 1983 and was also tested for welding on September 14, 1981 and certified on March 1, 1984.
- d. Inspector "D", Level I, was tested for equipment installation on October 18, 1983, and certified on November 4, 1983.
- e. Inspector "E", Level II, was tested for equipment installation on January 11, 1984 and certified on January 12, 1984 and was also tested for welding on December 29, 1983 and certified on January 4, 1984.
- f. Inspector "F", Level II, was tested for equipment installation on September 22, 1981 and was certified on November 2, 1983.
- g. Inspector "G", Level III, was tested for equipment installation on November 26, 1983 and was certified on December 15, 1983 and was also tested for welding on November 17, 1983 and was certified on December 15, 1983.
- h. Inspector "H", Level II, was tested for welding on July 18, 1981 and was certified on June 30, 1983.
- i. Inspector "I", Level II, was tested for equipment installation on July 28, 1983 and was certified August 2, 1983 and was also tested for welding on January 3, 1984 and certified on January 9, 1984.

The inspector concluded that the Qualification records of QC personnel are complete and current and that personnel are adequately qualified for their assigned duties and responsibilities.

No items of noncompliance or deviations were identified.

6. Open Items

Open items are matters which have been discussed with the licensee, which will be reviewed further by the inspectors, and which involve some action on the part of the NRC or licensee or both. Open items disclosed during the inspection are discussed in Paragraphs 2.b(2), 4.e.(2) and 4.1.(2).

7. Unresolved Items

Unresolved items are matters about which more information is required in order to ascertain whether they are acceptable items, Items of Noncompliance, or Deviations. Unresolved items disclosed during the inspection are discussed in Paragraph 4.f.(1).

8. Exit Interview

The inspectors met licensee representatives (denoted in Paragraph 1) at the conclusion of the inspection on October 4, 1984. The inspectors summarized the scope and results of the inspection.