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10 CFR 50.4
10 CFR 52.79

July 17, 2012

UN#12-067

ATTN: Document Control Desk
U.S. Nuclear Regulatory Commission
Washington, DC 20555-0001

Subject: UniStar Nuclear Energy, NRC Docket No. 52-016
Correction of Final Safety Analysis Report (FSAR) Figure 8.3-1
in Calvert Cliffs Nuclear Power Plant, Unit 3, Combined
License Application (COLA) Revision 8

- References:
- 1) Greg Gibson (UniStar Nuclear Energy) to Document Control Desk (NRC), "Submittal of Revision 7 to the Combined License Application for the Calvert Cliffs Nuclear Power Plant, Unit 3, and Application for Withholding of Documents," dated December 20, 2010.
 - 2) Mark Finley (UniStar Nuclear Energy) to Document Control Desk (NRC), "Submittal of Revision 8 to the Combined License Application for the Calvert Cliffs Nuclear Power Plant, Unit 3, and Application for Withholding of Documents," dated March 27, 2012.

The purpose of this letter is to provide a correction to Final Safety Analysis Report (FSAR) Figure 8.3-1 as presented in Calvert Cliffs Nuclear Power Plant (CCNPP), Unit 3, Combined License Application (COLA) Revision 8 (Reference 2). In a call with the CCNPP NRC Project Manager, UniStar Nuclear Energy (UNE) was questioned why FSAR Figure 8.3-1 was revised in COLA Revision 8. The revised Figure 8.3-1 was incorrect.

Initial investigation into this condition revealed that COLA Revision 8 changes were required to subsequent FSAR Figure 8.3-2 (Pages 1, 3, and 5 of 5). However, in COLA processing, FSAR Figure 8.3-1 (Pages 1 through 3) were also inadvertently replaced with the duplicate FSAR

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Figure 8.3-2 pages (Pages 1, 3, and 5 of 5). A condition report regarding the incorrect FSAR Figure 8.3-1 revision in COLA Revision 8 has been entered into the UNE corrective action program for disposition.

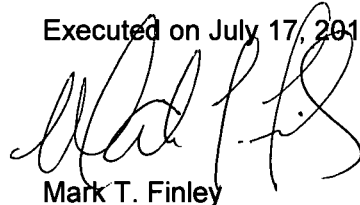
FSAR Figure 8.3-1 should not have been revised in COLA Revision 8. FSAR Figure 8.3-1, as shown in COLA Revision 7 (Reference 1), remains correct. The enclosure to this letter provides a markup of the correction which is being made to FSAR Figure 8.3-1 to restore the correct figure. A Licensing Basis Document Change Request has been initiated to incorporate these changes into a future revision of the COLA.

This letter does not include any new regulatory commitments. This letter does not contain any sensitive or proprietary information.

If there are any questions regarding this transmittal, please contact me at (410) 369-1907 or Mr. Wayne A. Massie at (410) 369-1910.

I declare under penalty of perjury that the foregoing is true and correct.

Executed on July 17, 2012



Mark T. Finley

Enclosure: Correction of Final Safety Analysis Report (FSAR) Figure 8.3-1, COLA Revision 8, Calvert Cliffs Nuclear Power Plant, Unit 3

cc: Surinder Arora, NRC Project Manager, U.S. EPR Projects Branch
Laura Quinn-Willingham, NRC Environmental Project Manager, U.S. EPR COL Application
Getachew Tesfaye, NRC Project Manager, U.S. EPR DC Application, (w/o enclosure)
Patricia Holahan, Acting Deputy Regional Administrator, NRC Region II, (w/o enclosure)
Silas Kennedy, U.S. NRC Resident Inspector, CCNPP, Units 1 and 2,
David Lew, Deputy Regional Administrator, NRC Region I (w/o enclosure)

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Page 3

bcc: Cyril Roden, Electrical Engineer, Regulatory Affairs & Engineering

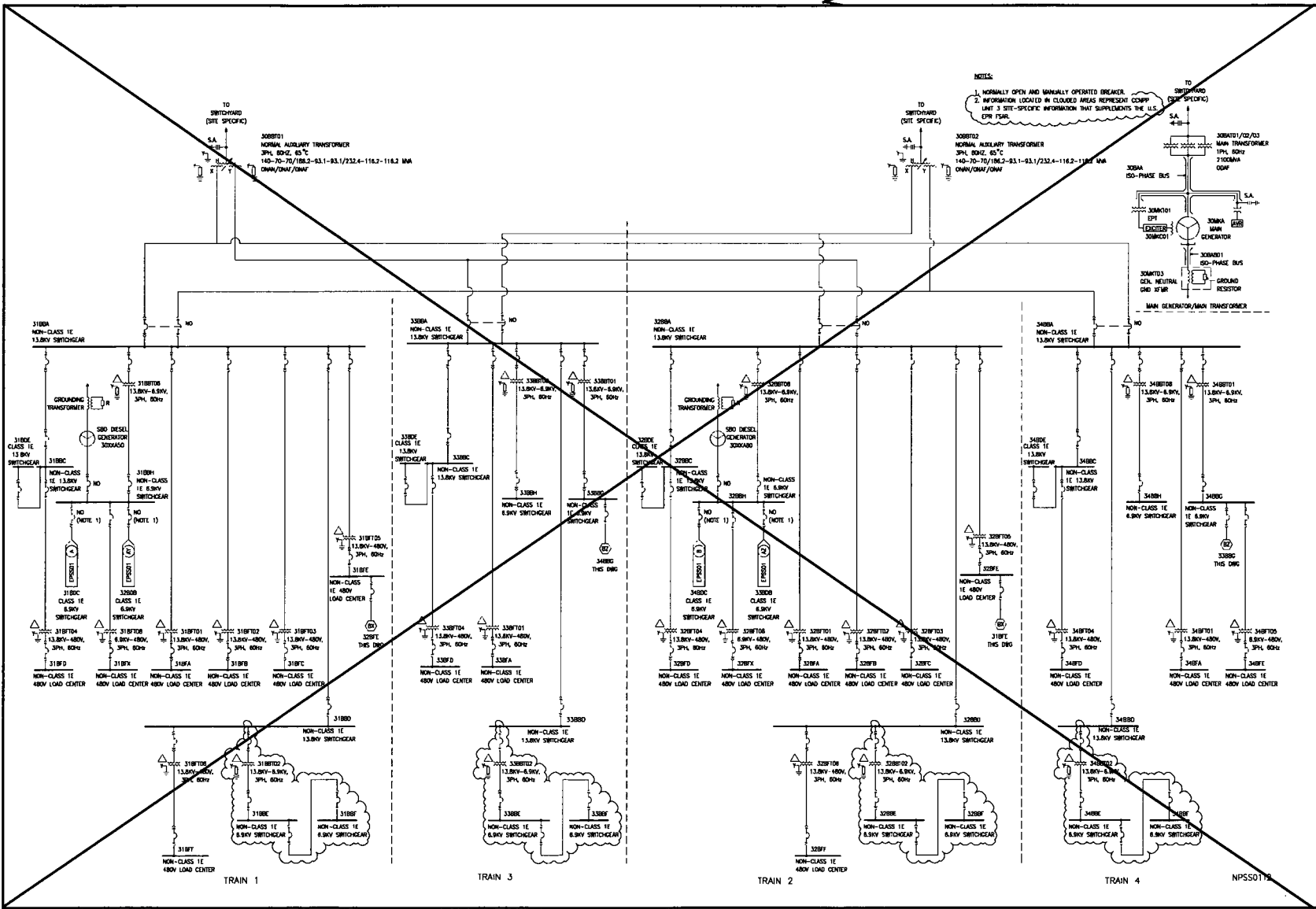
UN#12-067

Enclosure

**Correction of Final Safety Analysis Report (FSAR) Figure 8.3-1,
COLA Revision 8, Calvert Cliffs Nuclear Power Plant, Unit 3**

Figure 8.3-1 — (CCNPP Unit 3 Emergency Power Supply System Single Line Drawing)
(Page 1 of 3)

Insert 1



CCNPP Unit 3

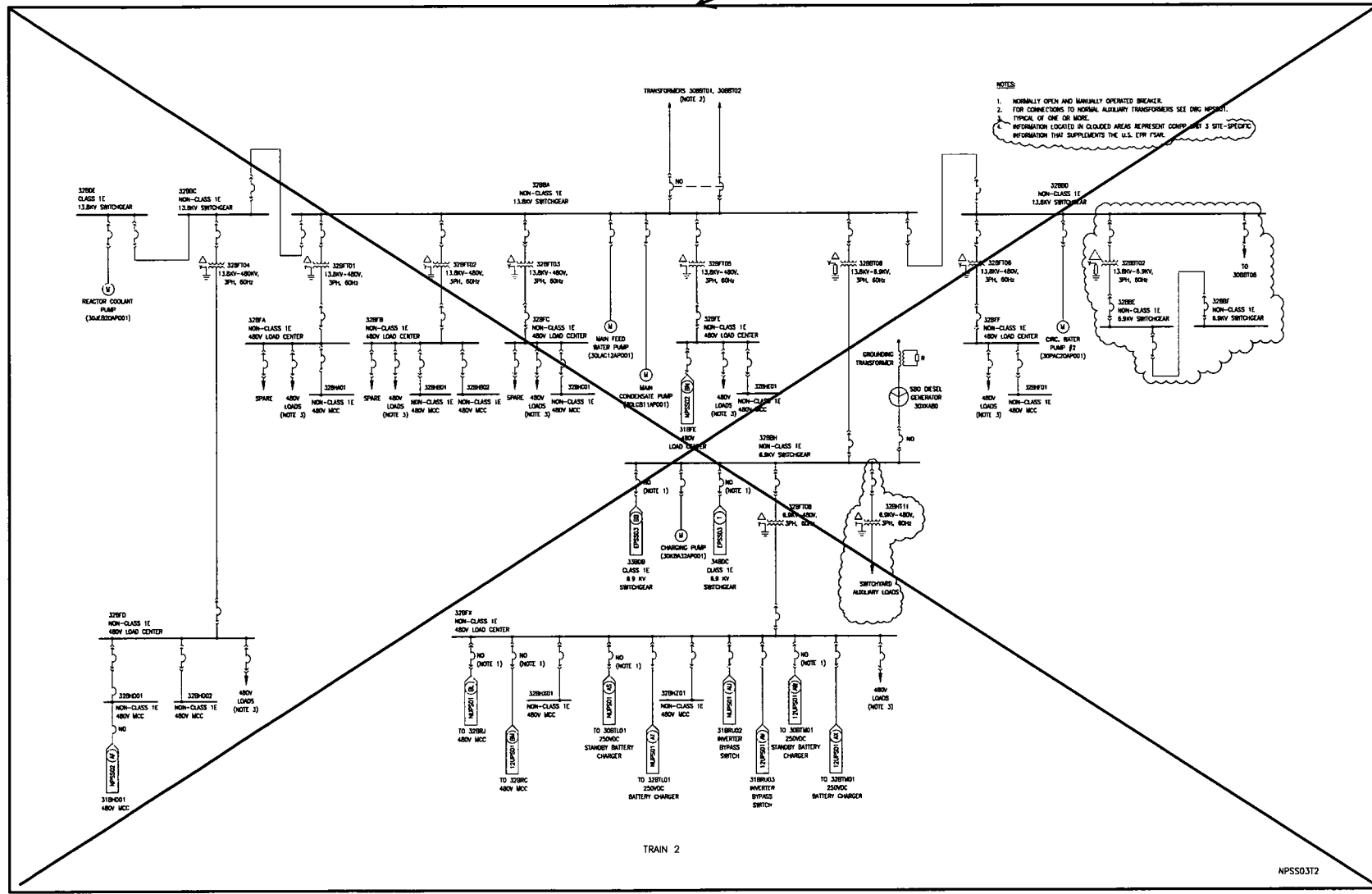
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8-36

Rev 8

Figure 8.3-1— {CCNPP Unit 3 Emergency Power Supply System Single Line Drawing}
(Page 2 of 3)

Insert 2



CCNPP Unit 3

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8-37

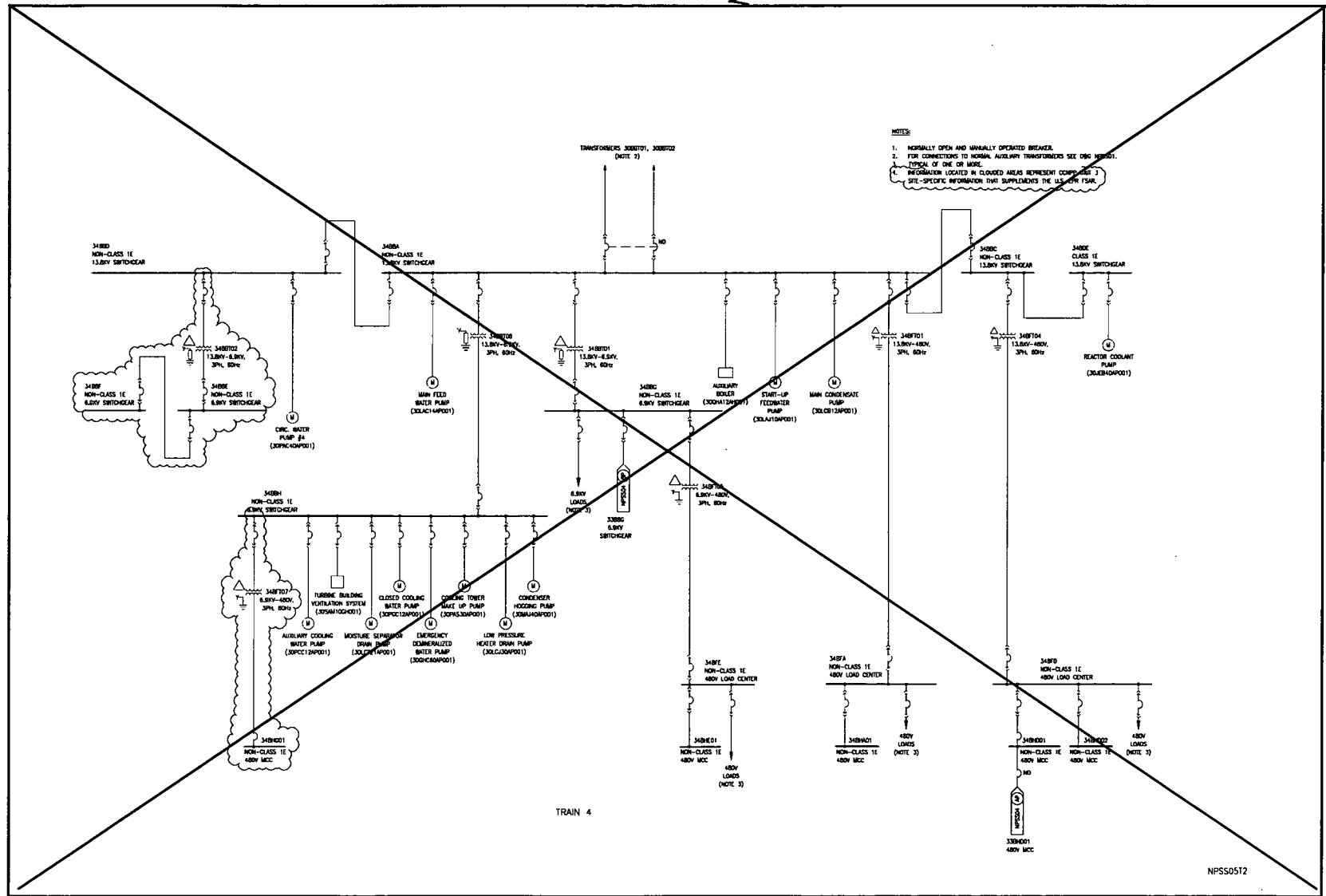
Rev 8

FSAR: Chapter 8.0

Onsite Power System

Figure 8.3-1 — (CCNPP Unit 3 Emergency Power Supply System Single Line Drawing)
(Page 3 of 3)

Insert 3



NOTES:
1. NORMALLY OPEN AND MANUALLY OPERATED BREAKER.
2. FOR CONNECTIONS TO NORMAL AUXILIARY TRANSFORMERS SEE DRG. NUMBER.
3. TYPICAL OF ONE OR MORE.
4. INFORMATION LOCATED IN CLOUDED AREAS REPRESENTS COMPLICATED SITE-SPECIFIC INFORMATION THAT SUPPLEMENTS THE U.S. NRC FSAR.

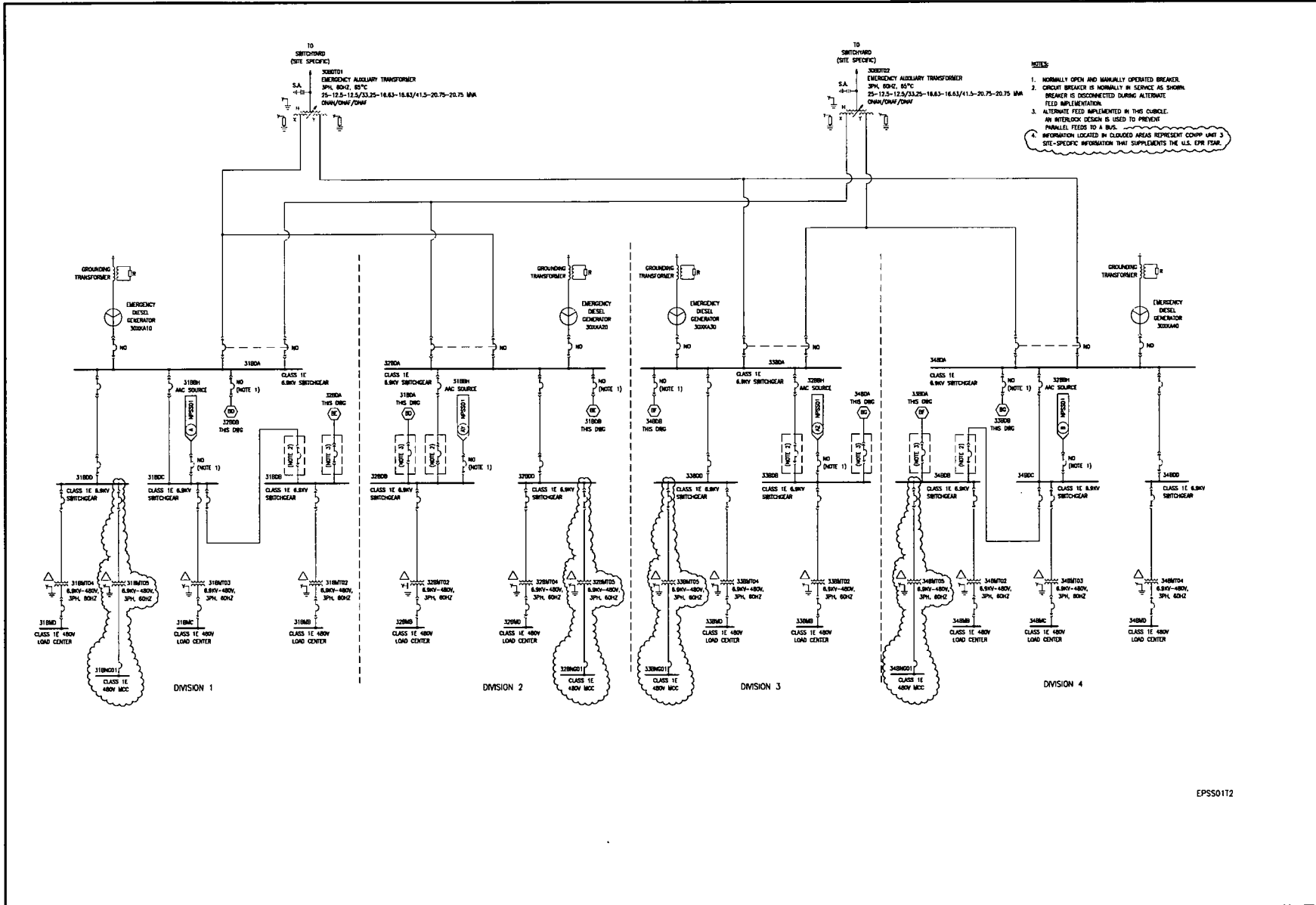
TRAIN 4

NPSS0512

Insert 1

Figure 8.3-1— {CCNPP Unit 3 Emergency Power Supply System Single Line Drawing} jf10001
(Page 1 of 3)

CC3-10-0199



- NOTES:
1. NORMALLY OPEN AND MANUALLY OPERATED BREAKER.
 2. CIRCUIT BREAKER IS NORMALLY IN SERVICE AS SHOWN. BREAKER IS DISCONNECTED DURING ALTERNATE FEED IMPLEMENTATION.
 3. ALTERNATE FEED IMPLEMENTED IN THIS CIRCLE. AN INTERLOCK DESIGN IS USED TO PREVENT PARALLEL FEEDS TO A BUS.
- INFORMATION LOCATED IN CLOUDED AREAS REPRESENTS CCNPP UNIT 3 SITE-SPECIFIC INFORMATION THAT SUPPLEMENTS THE U.S. EPRI FEAS.

EPSS0112

CCNPP Unit 3

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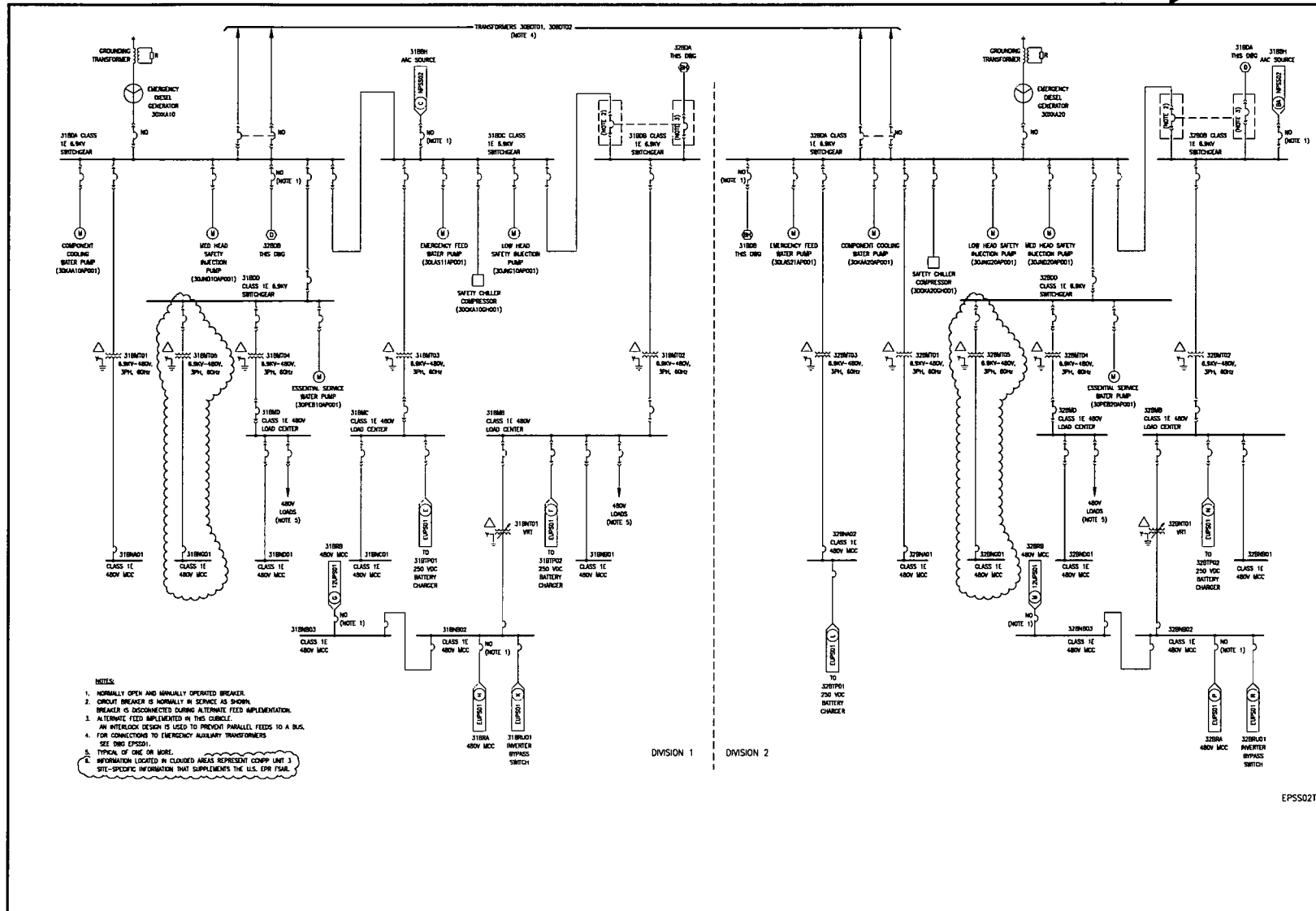
FSAR, Chapter 8.0

Onsite Power System

Figure 8.3-1— {CCNPP Unit 3 Emergency Power Supply System Single Line Drawing} jf10001
(Page 2 of 3)

Insert 2

CC3-10-0199



- NOTES:
1. NORMALLY OPEN AND MANUALLY OPERATED BREAKER.
 2. CIRCUIT BREAKER IS NORMALLY IN SERVICE AS SHOWN. BREAKER IS DISCONNECTED DURING ALTERNATE FEED IMPLEMENTATION.
 3. ALTERNATE FEED IMPLEMENTED IN THIS CIRCULAR. AN INTERLOCK DESIGN IS USED TO PREVENT PARALLEL FEEDS TO A BUS.
 4. FOR CONNECTIONS TO EMERGENCY AUXILIARY TRANSFORMERS SEE DWG EPSS01.
 5. TYPICAL OF ONE OR MORE.
 6. INFORMATION LOCATED IN CLOUDED AREAS REPRESENTS CCNPP UNIT 3 SITE-SPECIFIC INFORMATION THAT SUPPLEMENTS THE U.S. DOE PLAN.

DIVISION 1 DIVISION 2

EPSS0212

CCNPP Unit 3

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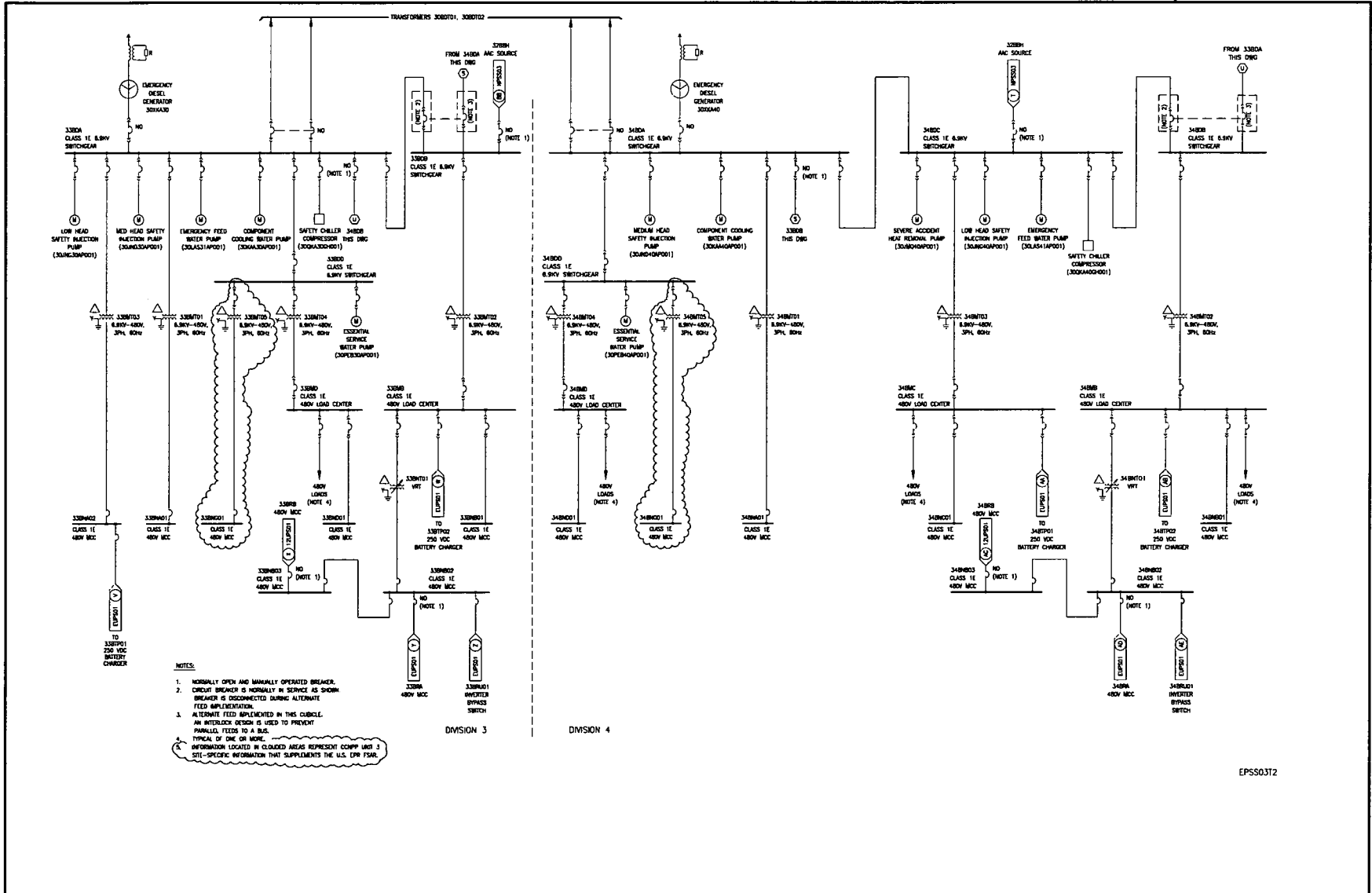
FSAR: Chapter 8.0

Onsite Power System

Insert 3

Figure 8.3-1 — (CCNPP Unit 3 Emergency Power Supply System Single Line Drawing) jf10001
(Page 3 of 3)

CC3-10-0199



EPSS03T2

CCNPP Unit 3

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