U. S. NUCLEAR REGULATORY COMMISSION
CONTAOL BLOCK:
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[0] [ When cooling tower switchgear "D" was transferred to normal feed
[0]] breaker 1928 for current transformer phasing check as part of investigation
of LER number BFRO-50-259/81012, Athens 161 kV line tripped and cooling
[0]5] tower transformer 1 deenergized by operation of "B" differential relay
(BDD 187 CT). See T.S. 3.9.B.1. Diesel generators 3A, 3B, 3C, and 3D were
operable. There was no danger to the health or safety of the public.
OIB     Previous similar events:     BFR0-50-259/80059     012.     90
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
ID     LER (RO)     EVENT YEAR     ID
ACTION PUTURE ' EFFECT SHUTDOVIN HOURS (2) ATTACHMENT NEED COMPONENT SUPPLIER SUPPLI
[1]0] ["B" phase current transformer lead (ITC2) and "C" phase current transformer
[1] lead (1CTO3) were found rolled for breaker 1928. A "B" phase current
transformer connection was also discovered loose in normal feed
breaker 1922 for 4 kV cooling tower switchgear "A." A loose connection
was tightened and rolled leads were corrected. (See attachment.)
Image: Status Status Status OTHER STATUS Image: Status Discovery Discovery   Image: Status Image: Statu
1 5 H (28) OIO O (29) NA 44 45 46 UDEFALOF DIRECTEDING (10) OF RELEASE (16)
TYPE DESCRIPTION NA NA NRC USE ONLY
PUBLICITY     DESCRIPTION (45)     NA       [2] 0] [10]     NA     [1] [1] [1] [1] [1] [1] [1] [1] [1] [1]
NAME OF PREPARER PHONE:
BOO 483 POOR ORIGINAL

8106300483

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Form BF-17 BF 15.2 3/24/81

### LER SUPPLEMENTAL INFORMATION

BFR0-50- 259 / 81013 R1 Technical Specification Involved 3.9.B.1 (U2) (U3) Reported Under Technical Specification 6.7.2.b(2) \_\_\_ Unit O Date of Occurrence 4/24/81 Time of Occurrence 1520

# Identification and Description of Occurrence:

Returning CT switchgear "D" to service, when ACB 1928 was closed it tripped the Athens 161 kV line.

### Conditions Prior to Occurrence:

Unit 1 refueling outage

Unit 2 at 99%

Unit 3 at 91%

# Action specified in the Technical Specification Surveillance Requirements met due to inoperable equipment. Describe.

Isolated CT transformer switchgear "D" U3 D/G SI's already completed. Unit 1 and 2 diesel generator SI's were not performed (reference BFR0-50-259/81017).

## Apparent Cause of Occurrence:

"B" phase current transformer lead (ITC2) and "C" phase transformer lead (ICTO3) were rolled for breaker 1928. The "B" phase current lead in breaker 1922 was also loose. Current transformer leads have apparently been rolled since construction.

#### Analysis of Occurrence:

There were no danger to the health or safety of the public, no release of activity, no damage to the plant or equipment, and no resulting significant chain of events.

#### Corrective Action:

"B" and "C" phase current transformer leads were rolled for breaker 1928. The loose "B" phase lead on breaker 1922 was tightened. The correct phasing of current transformer for cooling tower transformer 1 breakers 1922, 1924, and 1928 was verified. This is considered a random failure, however, phasing of current transformers 1920, 1916, 1918, 1930, 1912, and 1914 will be verified Failure Data: during the next extended unit 2 outage.

## BFR0-50-259/8059, 8112.

\*Retention: Period - Lifetime; Responsibility - Administrative Supervisor

\*Revision: