

ENCLOSURE

BELLEFONTE NUCLEAR PLANT UNITS 1 AND 2  
SEISMIC SUPPORTS FOR LIGHTING FIXTURES  
NCR 1172  
10 CFR 50.55(e)  
FIRST INTERIM REPORT

Description of Deficiency

The distance between lighting fixture support rods in the following areas have as much as 96 inches between the 3/8-inch unistrut support rods. TVA drawings limit this distance to 72 inches.

Control Building

- EL 610 Corridor, battery rooms C4, C5, C6, C7, C8, C9, and communication room
- EL 629 Auxiliary Instrument Rooms C2 and C5, computer room, and corridor
- EL 658 Spreading Room (upper level)

Auxiliary Building

- EL 590 Corridor A5-A10

The length of lighting fixture support rods (3/8-inch unistrut support rods) in the following areas exceed the maximum length of 96 inches allowed by TVA drawings.

Control Building

- EL 610 Corridor, battery rooms C4, C5, C6, C7, C8, C9, and communication room - The length of the 3/8-inch rods is 100 to 104 inches.
- EL 629 Auxiliary instrument rooms C2 and C5, computer room, and corridor - Maximum length of 3/8-inch rods is 128 inches.

Corrective Action

Since the installations (approximately 550 fixtures) are physically sound, modify the existing installations (e.g., by use of auxiliary stainless steel cable, etc.) to protect any equipment located in the area during a seismic event.

Construction employees have been instructed that in the future installation problems are to be brought to the attention of Engineering Design in a timely manner so that new designs for fixture supports can be evaluated and furnished before proceeding with installation.

8005280689