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 AUTH. NAME AUTHOR AFFILIATION  
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 RECIP. NAME RECIPIENT AFFILIATION  
 Document Control Branch (Document Control Desk)

SUBJECT: Final deficiency rept re Cooper spring defect on spare DG  
 cylinder heads as documented in Problem Evaluation Rept  
 BLPER930035. Insp of springs completed on 930809. Springs  
 found to be acceptable.

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BLRD-50-438/93-06  
BLRD-50-439/93-06

10 CFR 50.55(e)

U.S. Nuclear Regulatory Commission  
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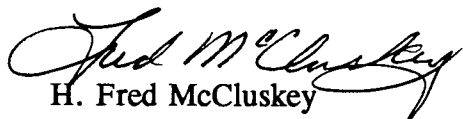
In the Matter of the Application of )  
Tennessee Valley Authority )

Docket Nos. 50-438  
50-439

BELLEFONTE NUCLEAR PLANT (BLN) - COOPER SPRING DEFECT ON SPARE  
DIESEL GENERATOR CYLINDER HEADS - BLRD-50-438/93-06 AND  
BLRD-50-439/93-06 - FINAL REPORT

The evaluation of the subject deficiency has been completed and the potentially reportable condition has been found to be not reportable pursuant to 10 CFR 50.55. The deficiency was documented in Problem Evaluation Report (PER) BLPER930035. Enclosed is TVA's final report on this subject.

Should there be any questions regarding this information, please telephone Greg Pierce, BLN Site Licensing Manager, at (205) 574-8058.

  
H. Fred McCluskey

Enclosure

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S PDR



*Handwritten signature/initials*

U.S. Nuclear Regulatory Commission  
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**ENCLOSURE**  
**BELLEFONTE NUCLEAR PLANT (BLN) UNITS 1 AND 2**  
**COOPER SPRING DEFECT ON SPARE**  
**DIESEL GENERATOR CYLINDER HEADS -**  
**PROBLEM EVALUATION REPORT (PER) BLPER930035**  
**BLRD-50-438/93-06 AND BLRD-50-439/93-06**

**FINAL REPORT**

**Description of Deficiency**

The diesel generator vendor, Cooper Industries, identified a potential problem in Report 157 with the intake and exhaust power valve springs installed as a subcomponent of spare cylinder heads. The suspect springs were manufactured by Associated Spring and can be identified by their paint color: a brown spring with a blue stripe. Cooper Industries recommends that the suspect springs be examined individually for the presence of draw marks or seams on the inside diameter. TVA had identified four (4) spare cylinder heads that have this suspect spring.

**Safety Implications**

Cooper Industries has stated that failure of these springs could result in engine non-availability. Safety of plant operations could be affected if the defective springs are installed.

**Equipment Status**

TVA completed the inspection of the springs on August 9, 1993. All springs were found to be acceptable. The potential problem described by the diesel generator vendor, Cooper Industries, does not exist on BLN Units 1 and 2. Therefore, the condition previously identified has been determined to be not reportable pursuant to 10CFR50.55(e).