

REGULATOR INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 8008190620 DOC. DATE: 80/08/13 NOTARIZED: NO DOCKET #  
 FACIL: 50-438 Bellefonte Nuclear Plant, Unit 1, Tennessee Valley Au 05000438  
 50-439 Bellefonte Nuclear Plant, Unit 2, Tennessee Valley Au 05000439  
 AUTH. NAME AUTHOR AFFILIATION  
 \* Tennessee Valley Authority  
 RECIPIENT AFFILIATION

*mp/*

SUBJECT: Second interim deficiency rept re spring used in actuators  
 mfg from incorrect matl. Upon actuation greater than 3-inch  
 stroke, spring will take permanent set, giving decreased force  
 output. Ruskin input under evaluation.

DISTRIBUTION CODE: B019S COPIES RECEIVED: LTR 1 ENCL 1 SIZE: 2  
 TITLE: Construction Deficiency Report (10CFR50.55E)

NOTES:

| ACTION:   | RECIPIENT<br>ID CODE/NAME | COPIES |      | RECIPIENT<br>ID CODE/NAME | COPIES |      |
|-----------|---------------------------|--------|------|---------------------------|--------|------|
|           |                           | L      | ENCL |                           | L      | ENCL |
| ACTION:   | A/D LICENSNG 21           | 1      | 1    | YOUNGBLOOD, B 15          | 1      | 1    |
|           | RUSHBROOK, M. 20          | 1      | 1    | BOURNIA, T. 14            | 1      | 1    |
| INTERNAL: | AD/RCI/IE                 | 1      | 1    | AEOD                      | 1      | 1    |
|           | D/DIR HUM FAC S           | 1      | 1    | DIR, HUM FAC SFY          | 1      | 1    |
|           | EDO & STAFF 07            | 1      | 1    | EQUIP QUAL BR16           | 1      | 1    |
|           | I&E 05                    | 2      | 2    | LIC QUAL BR               | 1      | 1    |
|           | MPA 08                    | 1      | 1    | NRC PDR 02                | 1      | 1    |
|           | OELD 23                   | 1      | 1    | PROC/TST REV BR           | 1      | 1    |
|           | QA BR 10                  | 1      | 1    | REG FILE 01               | 1      | 1    |
|           | RUTHERFORD, W. IE         | 1      | 1    | STANDRDS DEV 11           | 1      | 1    |
| EXTERNAL: | ACRS 24                   | 16     | 16   | LPDR 03                   | 1      | 1    |
|           | NSIC 04                   | 1      | 1    |                           |        |      |

AUG 20 1980

*R*

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

400 Chestnut Street Tower II

August 13, 1980

Mr. James P. O'Reilly, Director  
Office of Inspection and Enforcement  
U.S. Nuclear Regulatory Commission  
Region II - Suite 3100  
101 Marietta Street  
Atlanta, Georgia 30303

Dear Mr. O'Reilly:

BELLEFONTE NUCLEAR PLANT UNITS 1 AND 2 - ITT ACTUATOR FOR RUSKIN  
DAMPERS - NCR MEB 80-06 - SECOND INTERIM REPORT

On March 19, 1980, Bruce Cochran, NRC-OIE Region II, was informed that the subject nonconformance was determined to be reportable in accordance with 10 CFR 50.55(e). This was followed by our first interim report dated April 17, 1980. Enclosed is our second interim report. We expect to submit our next report by September 29, 1980.

If you have any questions concerning this matter, please get in touch with D. L. Lambert at FTS 857-2581.

Very truly yours,

TENNESSEE VALLEY AUTHORITY

L. M. Mills, Manager  
Nuclear Regulation and Safety

Enclosure

cc: Mr. Victor Stello, Jr., Director (Enclosure) ✓  
Office of Inspection and Enforcement  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555

8008190620

B019  
3/11

ENCLOSURE

BELLEFONTE NUCLEAR PLANT UNITS 1 AND 2  
ITT ACTUATOR FOR RUSKIN DAMPERS  
NCR MEB 80-06  
10 CFR 50.55(e)  
SECOND INTERIM REPORT

Description of Deficiency

A particular spring used in ITT actuators was manufactured from incorrect material. The spring does not possess the designed strength and will, upon actuation of a greater than 3-inch stroke, take a permanent set, resulting in a decreased force output.

Interim Progress

TVA has received input from Ruskin and is in the process of evaluating this information.