

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

400 Chestnut Street Tower II

November 17, 1980

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SERVICES UNIT

U. S. Nuclear Regulatory Commission  
Director of Reactor Construction Inspection,  
Office of Inspection and Enforcement  
Washington, DC 20555

Dear Sir:

OFFICE OF INSPECTION AND ENFORCEMENT BULLETIN 80-09 - RII:JPO 50-327, -328, -390, -391, -438, -439, -566, -567 - SEQUOYAH, WATTS BAR, BELLEFONTE, AND YELLOW CREEK NUCLEAR PLANTS

The subject letter dated April 17, 1980, transmitted IE Bulletin 80-09 on Hydramotor Actuator Deficiencies. My letter to you dated June 16, 1980, transmitted TVA's initial response to the bulletin, and my letter to you dated October 16, 1980, transmitted an updated response. Enclosed is further information on TVA's continuing research into this concern. We expect to submit further information by February 26, 1981.

If you have any questions, 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. James P. O'Reilly, Director (Enclosure) ✓  
Office of Inspection and Enforcement  
U.S. Nuclear Regulatory Commission  
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ENCLOSURE

SEQUOYAH, WATTS BAR, BELLEFONTE, AND YELLOW CREEK NUCLEAR PLANTS  
UPDATED RESPONSE TO IE BULLETIN 80-09  
HYDRAMOTOR ACTUATOR DEFICIENCIES

TVA initiated a study to locate any ITT General Controls Models AH-90 and NH-90 Series Hydramotor Actuators which may have been supplied to Sequoyah, Watts Bar, Bellefonte, or Yellow Creek. This study included review of TVA documentation and inquiries of the companies in the attached list.

The only suppliers identified to date of the AH-90 or NH-90 Series Hydramotor Actuators to any of the subject nuclear plants are ACDC, American Warming and Ventilation, Posi Seal International, and Kuskin. The subject actuators have been supplied to Watts Bar and Bellefonte.

TVA's investigation has also uncovered use of the subject actuators as part of valve actuators. At this time, TVA plans to get in touch with major valve suppliers to determine if any more of the subject actuators were supplied to TVA as part of valve actuators.

TVA has been documenting the disposition of the subject actuators as nonconformance reports and will continue to do so if more of the actuators are identified.

# ATTACHMENT

## HYDRAMOTOR ACTUATORS COMPANIES CONTACTED BY TVA

| <u>Company</u>                    | <u>Type of Response</u> | <u>Notes</u> |
|-----------------------------------|-------------------------|--------------|
| ACDC, Inc.                        | -                       | (2)          |
| American Warming & Vent Co., Inc. | -                       | (2)          |
| Copes-Vulcan, Inc.                | Written                 | (1)          |
| Fisher Controls Co., Inc.         | Written                 | (1)          |
| General Signal Corporation        | See BIF                 | (1)          |
| ITT Hammel-Dahl                   | -                       | (2)          |
| Joy Manufacturing                 | Written                 | (1)          |
| Masonell International, Inc.      | Written                 | (1)          |
| Pacific Air Products              | Written                 | (1)          |
| Posi Seal International, Inc.     | -                       | (2)          |
| Powers Regulator                  | Written                 | (1)          |
| Ruskin Manufacturing Company      | Written                 | (2)          |
| Valtek, Incorporated              | Written                 | (1)          |
| Flakt Products                    | Written                 | (1)          |
| CTI Nuclear                       | Verbal                  | (1)          |
| BIF                               | Written                 | (1)          |
| C. F. Braun                       | Written                 | (1)          |
| GE                                | Written                 | (1)          |
| B&W                               | Written                 | (1)          |
| CE                                | Written                 | (1)          |
| Westinghouse                      | Written                 | (1)          |

### NOTES:

- (1) None supplied to date to Sequoyah, Watts Bar, Bellefonte, or Yellow Creek
- (2) Supplied the subject actuators to Bellefonte and/or Watts Bar