

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

400 Chestnut Street Tower II

83 SEP 13 A 9:05  
September 7, 1983

U.S. Nuclear Regulatory Commission  
Region II

Attn: Mr. James P. O'Reilly, Regional Administrator  
101 Marietta Street, NW, Suite 2900  
Atlanta, Georgia 30303

Dear Mr. O'Reilly:

INSPECTION AND ENFORCEMENT BULLETIN 83-05 - ASME PUMPS AND SPARE PARTS  
MANUFACTURED BY THE HAYWARD TYLER PUMP COMPANY - WATTS BAR AND BELLEFONTE  
NUCLEAR PLANTS UNITS 1 AND 2

This is in response to NRC-OIE Bulletin 83-05 dated May 13, 1983. Please  
note that as stated in our letter dated July 22, 1983, no pumps or spare  
parts manufactured by Hayward Tyler are in use or planned for use in the  
Browns Ferry and Sequoyah Nuclear Plants.

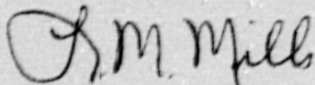
Due to scheduling problems and a manpower shortage, the response for Watts  
Bar and Bellefonte was delayed. A new submittal date was discussed with  
M. Branch on August 15, 16, and 19, 1983 and Linda Watson on August 22,  
1983.

If you have any questions concerning this matter, please get in touch with  
R. H. Shell at FTS 858-2688.

To the best of my knowledge, I declare the statements contained herein are  
complete and true.

Very truly yours,

TENNESSEE VALLEY AUTHORITY



L. M. Mills, Manager  
Nuclear Licensing

Enclosures (2)

cc: Mr. Richard C. DeYoung, Director (Enclosures)  
Office of Inspection and Enforcement  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Records Center (Enclosures)  
Institute of Nuclear Power Operations  
1100 Circle 75 Parkway, Suite 1500  
Atlanta, Georgia 30339

NRC-OIE BULLETIN 83-05  
ASME NUCLEAR CODE PUMPS AND SPARE PARTS MANUFACTURED BY THE  
HAYWARD TYLER PUMP COMPANY  
WATTS BAR AND BELLEFONTE NUCLEAR PLANTS UNITS 1 AND 2

Response to Item 1a

TVA has determined that no Hayward Tyler Pump Company (HTPC) pumps have been procured for use at either Watts Bar or Bellefonte Nuclear Plants.

Response to Item 1b

None required.

Response to Item 1c

None required.

Response to Item 1d

None required.

Response to Item 2a

Watts Bar Nuclear Plant (WBN)

Investigation has shown that TVA's Division of Nuclear Power (NUC PR) issued contract No. 278961 to HTPC for spare parts intended for use on WBN containment spray (CS) pumps supplied by B&W of Canada. The spare parts for the CS pumps, which would affect pump performance, have been identified as nonconforming items. When any of these parts are installed, the installation and performance test recommendations of the Bulletin will be followed.

Bellefonte Nuclear Plant (BLN)

Investigation has shown that BLN construction purchased six sets of wear rings from HTPC for use on the units 1 and 2 component cooling water (CCW) pumps. One set of wear rings was purchased as replacement parts in order to reinstall the impeller shaft in one of the unit 1 CCW pumps. This was documented in nonconformance report (NCR) 1749 (BLRD-50-438/82-22). The remaining wear rings were purchased and will be installed at the recommendation of a HTPC representative who came to BLN to investigate NCR 1749. TVA's Division of Construction (CONST) has installed the HTPC wear rings on the unit 1 pumps and documented the procedures followed on sequence control charts (SCC) 1KC-M220, 1KC-M225, and 1KC-M226. Although installation of the wear rings was complete before TVA's receipt of the Bulletin, a review of the SCCs indicated that the requirements of the Bulletin were met. TVA has not formally scheduled the installation of the wear rings on the unit 2 CCW pumps; but the SCCs required for the wear ring installation will incorporate the requirements stated in attachment 3 of the subject Bulletin. These SCCs will be written by August 1, 1984.



Response to Item 2b

Watts Bar and Bellefonte Nuclear Plants

Both the CS pumps at WBN and the CCW pumps at BLN are in-service tested in accordance with ASME Section XI, Subsection IWP, Requirements.

Response to Item 2c

Watts Bar Nuclear Plant

When the spare parts for the CS pumps are used, the pumps will be tested in accordance with the recommendations of this Bulletin.

Bellefonte Nuclear Plant

TVA's Division of Engineering Design (EN DES) has incorporated a 48-hour operational requirement for these pumps into TVA's preoperational (preop) test scoping documents. NUC PR will then incorporate this test into TVA's preop test requirements.

ENCLOSURE 2

NRC-OIE BULLETIN 83-05  
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HAYWARD TYLER PUMP COMPANY  
WATTS BAR AND BELLEFONTE NUCLEAR PLANTS UNITS 1 AND 2  
ADDITIONAL INFORMATION

Although not required by the Bulletin, the information supplied below may aid in the investigation of this matter.

The HTPC supplied pumps for use at the Hartsville (HTN), Phipps Bend (PBN) and Yellow Creek (YCN) Nuclear Plants. Please note that TVA has cancelled PBN and deferred HTN and YCN. The pumps supplied for use on these plants are subject to transfer to a TVA plant with an operating license or active construction permit or sale on the open market.

The two essential service water pumps supplied for use at PBN have been sold for nonnuclear plant use. TVA will incorporate this Bulletin into the Quality Assurance (QA) record maintained on each pump. This will ensure that the recipient of each pump is aware of the requirements of the Bulletin if the pump is intended for use in a code application at a nuclear plant. Quality Control Investigation Report (QCIR) 35562 was initiated June 21, 1983 by the HTN Division of Construction Personnel to tag the affected pumps at HTN and incorporate a record of the applicability of this Bulletin into the QA data package for each pump. TVA will notify the NRC if any pump is transferred or sold for use in a code application in accordance with Item 6 of the Bulletin.