



UNITED STATES
NUCLEAR REGULATORY COMMISSION

REGION IV

611 RYAN PLAZA DRIVE, SUITE 1000
ARLINGTON, TEXAS 76011

FEB 19 1982

Enclosure 6

A-33

Docket No. 99900345/82-02

Hayward Tyler Pump Company
ATTN: Mr. B. P. Lyons
Manager, Process Industry Products
P. O. Box 492
Burlington, VT 05401

Gentlemen:

This refers to the inspection conducted by Mr. L. E. Ellershaw of this office on January 25-29, 1982, of your facility at Burlington, Vermont, associated with the manufacture of nuclear pumps and to the discussions of our findings with you and members of your staff at the conclusion of the inspection.

This inspection was conducted as a result of the receipt by the Nuclear Regulatory Commission of allegations pertaining to implementation and enforcement of the Hayward Tyler quality assurance program. The main purposes of the inspection were to evaluate the identified concerns and to establish whether past and present manufacturing practices relative to manufacture of nuclear pumps were consistent with applicable codes, contractual and regulatory requirements. To make this determination, the primary areas selected for inspection were indoctrination and training, design control, nonconformance and corrective action, manufacturing process control, assembly and test, and control of special processes.

During the inspection, several instances were identified and documented in the enclosed inspection report where you failed to comply with NRC requirements. The specific findings complete with reference to the applicable requirements are summarized in the enclosed Notice of Non-conformance.

It is apparent from the results of this inspection, that significant deficiencies existed in the implementation of your quality assurance program, particularly in the areas of manufacturing process control and training. What concerns us greatly is that it appears highly improbable that findings, such as uncontrolled dimensional changes, could have occurred without the direct knowledge and awareness of responsible officers of your company.

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Please provide us within 30 days from the date of this letter a written statement containing: (1) a description of steps that have been or will be taken to correct these items; (2) a description of steps that have been or will be taken to prevent recurrence; and (3) the date your corrective actions and preventive measures were or will be completed. Consideration may be given to extending your response time for a good cause shown.

The response requested by this Notice is not subject to the clearance procedures of the Office of Management and Budget as required by the Paperwork Reduction Act of 1980, PL 96-511.

The NRC staff is currently evaluating the significance of the identified nonconformances with respect to performance reliability of pumps which have been furnished to various nuclear sites and the effects of postulated failures on the specific systems in which the pumps are installed. Should the results of these evaluations indicate any concerns in regard to specific applications of your equipment, appropriate actions will be taken with affected NRC licensees.

In accordance with 10 CFR 2.790 of the Commission's regulations, a copy of this letter and the enclosed inspection report will be placed in the NRC's Public Document Room. If this report contains any information that you believe to be exempt from disclosure under 10 CFR 9.5(a)(4), it is necessary that you (a) notify this office by telephone within 10 days from the date of this letter of your intention to file a request for withholding; and (b) submit within 25 days from the date of this letter a written application to this office to withhold such information. If your receipt of this letter has been delayed such that less than 7 days are available for your review, please notify this office promptly so that a new due date may be established. Consistent with section 2.790(b)(1), any such application must be accompanied by an affidavit executed by the owner of the information which identifies the document or part sought to be withheld, and which contains a full statement of the reasons on the basis which it is claimed that the information should be withheld from public disclosure. This section further requires the statement to address with specificity the considerations listed in 10 CFR 2.790(b)(4). The information sought to be withheld shall be incorporated as far as possible into a separate part of the affidavit. If we do not hear from you in this regard within the specified periods noted above, the report will be placed in the Public Document Room.

Hayward Tyler Pump Company

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Should you have any questions concerning this inspection, we will be pleased to discuss them with you.

Sincerely,

John T. Collins

John T. Collins
Regional Administrator

Enclosures:

1. Appendix A - Notice of Nonconformance
2. Appendix B - Inspection Report No. 99900345/82-02
3. Appendix C - Inspection Data Sheets (4 pages)