

UNITED STATES
NUCLEAR REGULATORY COMMISSION
OFFICE OF INSPECTION AND ENFORCEMENT
WASHINGTON, DC 20555

March 7, 1983

INFORMATION NOTICE NO. 83-07: NONCONFORMITIES WITH MATERIALS SUPPLIED BY TUBE
LINE CORPORATION

Addressees:

All nuclear power reactor facilities holding an operating license (OL) or construction permit (CP) and fuel facilities.

Purpose:

This information notice is provided as a notification of nonconformities with materials supplied by Tube Line Corporation. Although NRC review of this matter is not complete, the failure to meet the procurement specifications shows similarities to the Ray Miller, Inc. materials problems described in Information Notice 83-01, dated January 26, 1983. It is expected that recipients will review the information for applicability to their facilities. No specific action or response is required.

Description of Circumstances:

On December 6, 1982, Capitol Pipe and Steel Products Company (CPSP Co.) sent a letter to the NRC identifying nonconformities with materials supplied to its customers; CPSP Co. had obtained these materials from Tube Line Corporation. In the December 6, 1982 letter, CPSP Co. identified the customers who had received the Tube Line Corporation materials, and had been notified about nonconformities in the materials. In addition, a followup Part 21 report by Babcock and Wilcox (B&W) identified in a letter dated January 10, 1983 that the material shipped to B&W had been supplied by the Houston, Texas facility of the Tube Line Corporation, which was not an approved nuclear supplier per ASME Section III, NCA 3800 requirements.

The products identified by CPSP Co. were pipe fittings (caps, tees, and elbows) and flanges. The nonconformities identified were shipment from an unapproved nuclear source, failure to perform proper heat treatment, and failure to meet ASME Code requirements for nondestructive examinations.

According to the B&W letter, Tube Line Corporation purchased the fittings and base flange forgings from three different suppliers and performed the finished machining of the flanges. B&W has conducted tests of samples of four heats and has identified two heats with strength lower than that reported in the materials certifications.

Information available to date indicates that material was purchased from foreign stock material suppliers by Tube Line Corporation with the specification that heat treatments not be performed. Further, Tube Line Corporation never performed the required heat treatments when they received the material. The first procurement of the material in question was 1980 and the first shipments for nuclear application were made in 1982.

It is suggested that holders of operating licenses or construction permits review this information for applicability to purchases of material at their facilities.

No written response to this notice is required. If you have any questions regarding this matter, please contact the Regional Administrator of the appropriate NRC Regional Office, or this office.



Edward L. Jordan, Director
Division of Emergency Preparedness
and Engineering Response
Office of Inspection and Enforcement

Technical Contact: J. R. Fair
301-492-4509

Attachment:
List of Recently Issued Information Notices

Attachment
IN 83-07
March 7, 1983

LIST OF RECENTLY ISSUED
IE INFORMATION NOTICES

Information Notice No.	Subject	Date of Issue	Issued to
83-06	Nonidentical Replacement Parts	02/24/83	All power reactor facilities holding an OL or CP
83-05	Obtaining Approval for Disposing of Very-Low-Level Radioactive Waste - 10 CFR Section 20.302	02/24/83	All production and utilization facilities including nuclear power reactors and research and test reactors, holding an OL
83-04	Failure of ELMA Power Supply Units	02/18/83	All power reactor facilities holding an OL or CP
83-03	Calibration of Liquid Level	01/28/83	All power reactor facilities holding an OL or CP
83-02	Limiterque H0BC, H1BC, H2BC, and H3BC Gearheads	01/28/83	All power reactor facilities holding an OL or CP
83-01	Ray Miller, Inc.	01/26/83	All power reactor facilities holding an OL or CP
82-56	Robertshaw Thermostatic Flow Control Valves	12/30/82	All power reactor facilities holding an OL or CP
82-55	Seismic qualification of Westinghouse AR relay with latch attachments used in Westinghouse solid state protection system	12/28/82	All power reactor facilities holding an OL or CP

OL = Operating License
CP = Construction Permit

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