METAL Bellows CORPORATION

A

2KR
5-16-81

CR 751

SEISMIC QUALIFICATION TEST REPORT

FOR

HOSE ASSEMBLY - FLEXIBLE METAL PER

ASME SECTION III, CLASS 2

FOR

TENNESSEE VALLEY AUTHORITY

KNOXVILLE, TENNESSEE

WATTS BAR NUCLEAR PLANTS

UNITS 1 AND 2

APPROVED
This approval does not relieve the Contractor from any part of his responsibility for the correctness of design, details, and dimensions.
TENNESSEE VALLEY AUTHORITY
Date MAY 29 1981
(MECH. ENGR. BR.) BY C. A. CHANDLEY
And'd By Ltr. E

REFERENCES:

TVA P.O. 80KA2-826892

TVA SPEC. WBNP-DS-1935-4443-RO

MBC P/N 77750

MBC JOB NO. 14727

FILE: N3M-586 APR 20 198'
PROJECT WBN
CONTRACT 80KA2-826892
CR 751
SHEET 1
REVISION A
UNIT 1 & 2
USE: FLEX METAL HOSE ASSY

E.A. Jachacz, Staff Engineer

R.H. Nystrom, Project Engineer

K.E. Hart, Chief Engineer

W.E. Hughes, Quality Assurance Mgr.

No. of Pages: 1

December 3, 1980

Attachment I

Revision A, April 16, 1981

8202010340 811125
PDR ADOCK 05000327
P PDR

INDEX OF REVISIONS

Date and Rev.	Pages Affected			REMARKS	Revised by
	Revised	Added	Deleted		
4/16/81 A	Cover, Attachment I	i		Attachment I, AETL Report 548-8934, changed page 9- reversed axis definition per TVA letter January 23, 1981	EAJ

METAL Bellows CORPORATION

1.0 SCOPE

The Seismic Qualification Test Report (SQTR) CR 751, is being submitted to present factual data and test results on one (1) Metal Bellows Corporation (MBC) Hose Assembly - Flexible Metal Per ASME Section III, Class 2, (1 1/2 IPS) hereinafter referred to as the hose assembly, MBC P/N 77750, Tennessee Valley Authority (TVA) MK No. 47W450-1004 thru -1010.

2.0 REASON FOR TEST

The test was conducted to verify that the hose assembly's ability to perform its required function of specification WBNP-DS-1935-4443-RO, after being subjected to the accident and seismic condition tests as specified in paragraph 4.0 of QTP 77750. Successful completion of the test and acceptance of the test qualifies the configuration for its intended use in the Watts Bar Nuclear Plant, Units 1 and 2.

3.0 NARRATIVE ABSTRACT, CONCLUSIONS AND RECOMMENDATIONS

The hose assembly successfully completed the test described herein without any evidence of failure, deterioration, deviations and/or test anomalies.

4.0 TEST PROCEDURE AND RESULTS

The hose assembly was subjected to the test in accordance with QTP 77750, Revision A, Seismic Qualification Test Procedure for Hose Assembly - Flexible Metal per ASME Section III, Class 2. The test results are presented in Approved Engineering Test Laboratories Report No. 548-8934, Qualification Test on Flexible Metal Hose Assembly, P/N 77750, included herein as Attachment I.

METAL Bellows CORPORATION

CR 751

ATTACHMENT I

APPROVED ENGINEERING TEST LABORATORY

REPORT NUMBER 548-8934