

TMI-1 UFSAR

APPENDIX 6A

SUMMARY DESCRIPTION

THREE MILE ISLAND NUCLEAR STATION UNIT 1

REACTOR BUILDING FAN COOLER ASSEMBLY

The material contained in Appendix 6A is a synopsis of American Air Filter's Topical Report to the Metropolitan Edison Co. covering Reactor Building Fan Assemblies for Three Mile Island Nuclear Station Unit 1.

(Originally issued with Amendment 17 to the FSAR, Dated 25, 1971)

TMI-1 UFSAR

TABLE OF CONTENTS

Section

1.0	<u>GENERAL</u>
1.1	<u>OPERATING ENVIRONMENT</u>
2.0	<u>SEISMIC DESIGN DESCRIPTION</u>
2.1	<u>GENERAL APPROACH</u>
2.1.1	CRITERIA
2.2	<u>METHOD</u>
2.2.1	GENERAL
2.2.2	PROCEDURE
2.2.3	UTILIZATION
2.2.4	DETAILED ANALYSIS
2.3	<u>RESULTS</u>
2.4	<u>SUMMARY</u>
3.0	<u>DESIGN SUMMARIES - MAJOR COMPONENTS</u>
3.1	<u>HOUSINGS</u>
3.2	<u>RELIEF VALVES</u>
3.3	<u>MIST ELIMINATORS</u>
3.4	<u>COILS</u>
3.5	<u>FAN MOTOR UNITS</u>
3.5.1	FANS
3.5.2	MOTORS
4.0	<u>REFERENCES</u>

TMI-1 UFSAR

LIST OF FIGURES

<u>Figure</u>	<u>Title</u>
6A-1	Reactor Building Fan Assembly-External View
6A-2	Met Ed - Total House
6A-3	Met-Ed - End Section (Right End Shown) Adjusted to "Reduce" Number of Membersfor Computer Program
6A-4	Met-Ed - Center Section -Adjusted to Correspond with End Section
6A-5	Fan High Pressure Test Duct