

































FIGURES 3.6A-12 THROUGH 3.6A-49 HAVE BEEN DELETED.

THIS FIGURE HAS **BEEN DELETED**

ä

FIGURE 3.6A-50
NIAGARA MOHAWK POWER CORPORATION
FINAL SAFETY ANALYSIS REPORT

AMENIDMENT 27

THE VADO

.



AMENDMENT 27

IT IT V 1086

















APRIL 1989
























AMENDMENT 22

NOVEMBER 1985











































6 0.473 5 0.365 4 0.222 3 0.150 > 0.150 2 0.150 7 0.150 FIGURE 3.7A-30 SSE CONTROL AND DIESEL **GENERATOR BUILDINGS** ACCELERATION PROFILE (Gs) EAST-WEST DIRECTION NIAGARA MOHAWK POWER CORPORATION NINE MILE POINT-UNIT 2 FINAL SAFETY ANALYSIS REPORT

AMENDMENT 20

JULY 1985





AMENDMENT 23





AMENDMENT 18

MARCH 1985



USAR REVISION O











.....





































































































USAR REVISION O

APRTI 1989









USAR REVISION O

APRIL 1989










































































٨















FIGURE 3A. 2-2

HARMONIC AXISYMMETRIC PLANE STRAIN

NIAGARA MOHAWK POWER CORPORATION NINE MILE POINT-UNIT 2 FINAL SAFETY ANALYSIS REPORT







FIGURE 3A. 4-2

COMPARISON OF RESULTS OF MAT 6 VS SHELL 1-MAT RADIAL MOMENT

NIAGARA MOHAWK POWER CORPORATION NINE MILE POINT-UNIT 2 FINAL SAFETY ANALYSIS REPORT







COMPARISON OF RESULTS OF MAT 6 VS SHELL 1-MAT RADIAL SHEAR

NIAGARA MOHAWK POWER CORPORATION NINE MILE POINT-UNIT 2 FINAL SAFETY ANALYSIS REPORT







.


























AMENDMENT 3

JUNE 1983











ASME BENCHMARK PROBLEM 5 MODEL

K.M. VASHI'S RESULTS AS PRESENTED IN "PRESSURE VESSEL AND PIPING, 1972 COMPUTER PROGRAM VERIFICATION", ASME, 1972

---- NUPIPE RESULTS

. NUPIPE RESULTS AT EQUIDISTANT INTERVAL

FIGURE 3A, 15-2

NUPIPE PROGRAM FORCE TIME HISTORY VERIFICATION

NIAGARA MOHAWK POWER CORPORATION NINE MILE POINT-UNIT 2 FINAL SAFETY ANALYSIS REPORT

THERMAL ANCHOR MOVEMENT FOR OPERATING MODES 18 2 SEISMIC ANCHOR MOVEMENT SAME FOR BOTH DIR. 0.0" 5.0 \$2.0" 3.0" 0.141" 0,141" 14(50) (45) VALVE WT. 60# 500 FORCE (10) 114 STD. SMLS 55 " NOZZLE O.D 35 K= 500 /IN 30 (15) WELDING TEE 0.2 20 6" STD, SMLS (10 (25) 0.1 . 0,1 Xa 4" STD. LONGI. WELD, FLUSH ELASTO JOINT

	OPERA	TING CON	DITIONS
OPER	PIPE	PRESS (PSI)	TEMP (* F)
	6 '	200	400
1	4"	200	400
	148	200	400
E/ar, T	- 00 10	AT 15=440	681
[5 ¹¹	200	700
2	4"	0	70
	14"	200	700
u DT	= 0.000	2, a () T = (00004 IN/FT
3	6 ⁰	700	70
	44	700	70
	11/4	700	70

FIGURE 3A. 15-3

MATHEMATICAL MODEL FOR SAFETY CLASS 1 STRESS VERIFICATION

NIAGARA MOHAWK POWER CORPORATION NINE MILE POINT-UNIT 2 FINAL SAFETY ANALYSIS REPORT



































USAR REVISION 0

APRIL 1989



OCTOBER 1989


APRIL 1989



APRIL 1989



APRIL 1989









USAR REVISION 0 APRIL 1989













.










































































20.0 18.0 (PSIA) PRESSURE 16.0 14.0 12.0 2 3 4 567891 (E+Ø2) 2 3 4 5 6 7 8 91 (E+Ø1) 2 3 4 5 6 7 8 91 2 3 4 5 6 7 8 91 (E-Ø2) 2 3 4 567891 (E-Ø1) 2 3 4 567891 (E+00) (E-03) FIGURE 3B-45 TIME AFTER ACCIDENT (SECONDS) ABSOLUTE PRESSURE TRANSIENTS: Note: All breaks are shown on this figure. VOLUME 328-1. SECONDARY Add 13.40 seconds to the plots of break numbers 34 and 35 to account for the initial 'cold' water blowdown CONTAINMENT HELB ANALYSIS. (see USAR Section 38.1: Design Bases). NIAGARA MOHAWK POWER CORPORATION NINE MILE POINT - UNIT 2 Break numbers 34 and 35 are the plots that extend past 100 seconds. UPDATED SAFETY ANALYSIS REPORT

11.00





.

















.....





JUNE 1984



