

AMENDMENT 13











AMENDMENT 9

MARCH 1984



























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LAKE ONTARIO







AMENDMENT 3



AMENDMENT 3

78:45-101: 15' EAST SECTOR 101. 15-123.45' ESE SECTOR 500' 123:45'- 146.15' SE SECTOR 543¹ 500' 146"15'- 168"45' SSE SECTOR STATUTE MILES



AMENDMENT 3

16201 SOUTH SECTOR 168.45-191.15 SECTOR 191.15'- 213.45' SSW 430¹ 213:45-236.15 SW SECTOR

STATUTE MILES

236:15-258:45' WSW SECTOR

FIGURE 2.3-45

MAXIMUM TOPOGRAPHIC ELEVATIONS (SOUTHWEST QUADRANT)

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

AMENDMENT 3

500' 651'

500¹

5 10 1	5 20 25	30 35	90 45	50	
260 ¹ 258° 45' 281° 15' WEST SECTOR	LAKE ONTARIO (APPROX MEAN LAKE	USA CANADA		
260 ¹ 2811:15'- 30 3' .45' WNW SECTOR	USA CANADA	LAKE EL 246	250 308	289	
260 ¹ 303": 45'- 326"15' NW SECTOR	USA CANADA	LAKE EL 246	2501 2841 465	400	
	USA CANADA	LAKE EL 246		250 305	FIGURE 2.3-46 MAXIMUM TOPOGRAPHIC ELEVATIONS (NORTHWEST QUADRANT)
) 5 10	15 20 25 STATUTE	30 3 MILES	5 40 45	50	NIAGARA MOHAWK POWER CORPORATION NINE MILE POINT-UNIT 2 FINAL SAFETY ANALYSIS REPORT

AMENDMENT 3









AMENDMENT 26

MAY 1986
























































































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₩' T-3-1	T-3-2	7-2-3	7-3-4	T-3-5	7-3-5	7-3-7	T-3-3	T-3-3	NE
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לקימו הבין היו שניים לאראין בווואן מעמוד און אונד אובו און אייר אין אייר איין און אייר איין און אייר איין און א אייראר אייראר איראל ביון אייר אייראל אייר אייר אייר אייר אייר אי	CAREAR A MURARIAN CLAUTE (2 MA) BEAR THINK		11144-6823-4-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-	HERIODAL CHERICAN AND PARTICULARS PRIMI THE REPORT OF A CONTRACT OF A CO			THE PART OF A PARTICULAR OF A PART	HILESAL I HEREATISCHARTERAL STORICH THE STORICH THE F	IL REAL ENTRY ALTER ALTER ALL ENTRY ALTER
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FIGURE 2.5-96:

LOCATION OF CROSS-SECTIONS OF ROCK EXCAVATIONS AND FOUNDATION GRADES FOR CAT. I STRUCTURES

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Security-Related Information Figure Withheld Under 10 CFR 2.390

FIGURE 2.5-103

PIEZOMETER LOCATIONS

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



1.0 NOMINAL Dr = 70% NOMINAL Dr = 60% STRESS RATIO CAUSING 2.5% DOUBLE AMPLITUDE STRAIN IN 10 CYCLES 0.8 NOMINAL Dr = 50% 0.6 0.4 0.2 0 0 1.0 2.0 3.0 4.0 5.0 EFFECTIVE CONSOLIDATION PRESSURE, $\sigma_{
m c}$, kg/cm² $\overline{\sigma}_{c}$ = EFFECTIVE CONSOLIDATION PRESSURE or d = CYCLIC DEVIATOR STRESS $\sigma_d/2\bar{\sigma}_c = \text{STRESS RATIO}$ FIGURE 2.5-105 DESIGN DATA FOR SOIL LIQUEFACTION ANALYSES BORROW SOURCE: MEANY ENGLES ROAD PIT NIAGARA MOHAWK POWER CORPORATION NINE MILE POINT-UNIT 2 FINAL SAFETY ANALYSIS REPORT



















HORIZONTAL SEISMIC COEFFICIENT, Kh

SOURCE:

SEED, H.B. AND WHITMAN, R.V. DESIGN OF EARTH RETAINING STRUCTURES FOR DYNAMIC LOADS, ASCE SPECIALTY CONFERENCE ON LATERAL STRESSES IN THE GROUND AND DESIGN OF EARTH RETAINING STRUCTURES, p. 103-147, 1970

FIGURE 2.5-105 I

DYNAMIC INCREMENT COEFFICIENT VS HORIZONTAL SEISMIC COEFFICIENT

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AMENDMENT 5

OCTOBER 1983







FINAL SAFETY ANALYSIS REPORT

E.





FIGURE 2.5-109

COMPREHENSIVE STRESS-STRAIN FOR RODOFOAM II

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