

*Conditions at upstream side of TSV

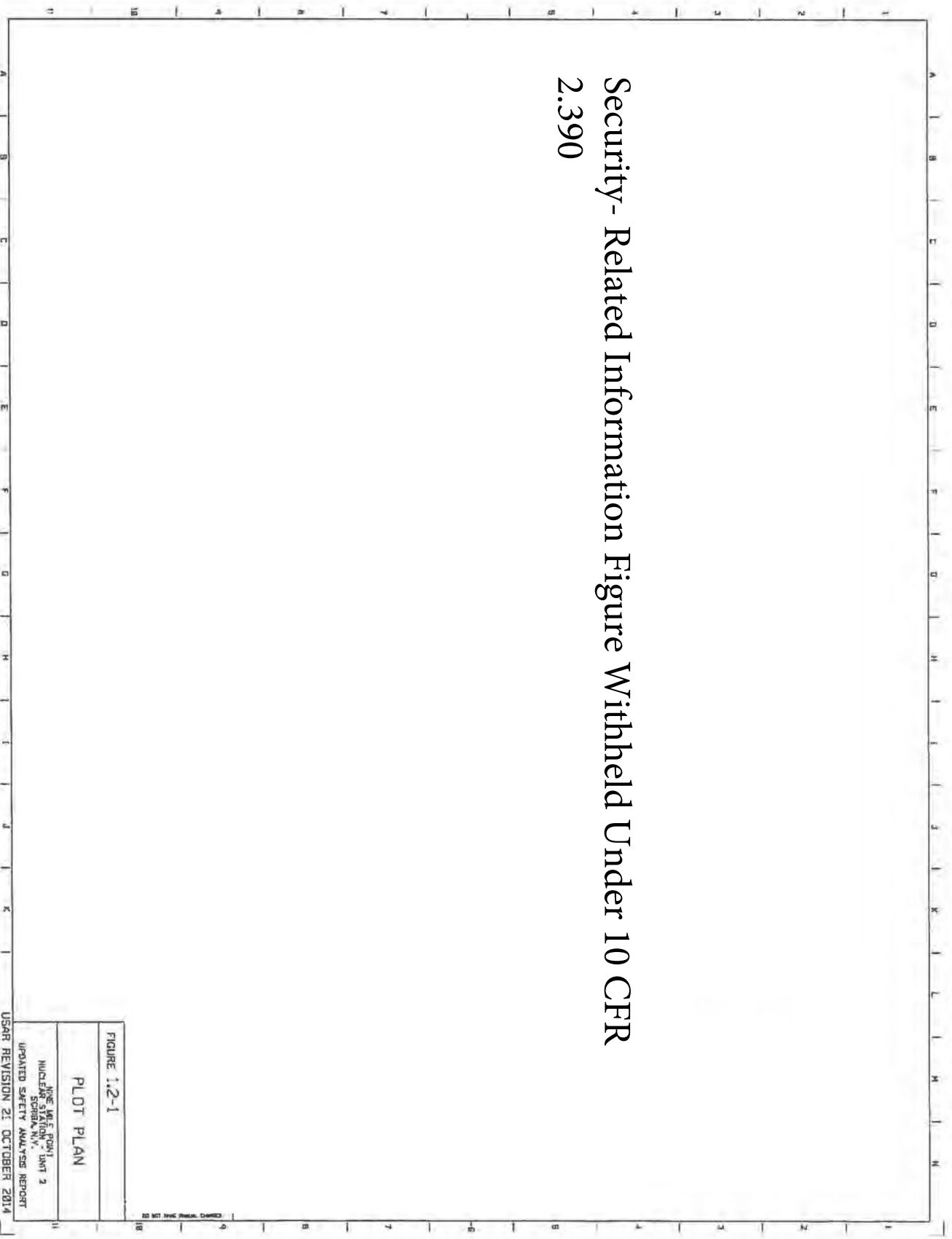
Core Thermal Power	3988.0
Pump Heating	12.4
Cleanup Losses	-11.2
Other System Losses	-1.1
Turbine Cycle Use	3988.1 MWt

FIGURE: 1.1-1

HEAT BALANCE AT RATED POWER

NINE MILE POINT-UNIT 2
UPDATED SAFETY ANALYSIS REPORT

Security- Related Information Figure Withheld Under 10 CFR
2.390



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FIGURE 1.2-2

STATION ARRANGEMENT

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

USAR REVISION 14

FEBRUARY 2001

**THIS FIGURE HAS
BEEN DELETED
(SEE FIGURE 12.3-1)**

FIGURE 1.2-3

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

**THIS FIGURE HAS
BEEN DELETED
(SEE FIGURE 12.3-2)**

FIGURE 1.2-4

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

**THIS FIGURE HAS
BEEN DELETED
(SEE FIGURE 12.3-3)**

FIGURE 1.2-5

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

Security- Related Information Figure Withheld Under 10 CFR 2.390

FIGURE 1.2-6

GENERAL ARRANGEMENT REACTOR
BUILDING PLAN EL.175'-0"
AND EL.188'-6" SHEET 1 OF 2

NINE MILE POINT
NUCLEAR STATION - UNIT 2
SCRIBA, N.Y.

UPDATED SAFETY ANALYSIS REPORT

USAR REVISION 15

OCTOBER 2002

Security- Related Information Figure Withheld Under 10 CFR 2.390

FIGURE 1.2-6

GENERAL ARRANGEMENT REACTOR
BUILDING PLAN
EL. 196'-0" SHEET 2 OF 2

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

USAR REVISION 2

OCTOBER 1990

Security- Related Information Figure Withheld Under 10 CFR 2.390

FIGURE 1.2-7
GENERAL ARRANGEMENT REACTOR 2 BUILDING PLAN EL. 215'-8" SHEET 1 OF 2
ONE MILE POINT NUCLEAR STATION - UNIT 2 SCHEM, N.Y. UPDATED SAFETY ANALYSIS REPORT
LSAR REVISION 18 OCTOBER 2012

Security- Related Information Figure Withheld Under 10 CFR 2.390

FIGURE 1.2-7

GENERAL ARRANGEMENT REACTOR
BUILDING PLAN EL. 240'-0"
SHEET 2 OF 2

NINE MILE POINT
NUCLEAR STATION - UNIT 2
SCRIBA, N.Y.
UPDATED SAFETY ANALYSIS REPORT

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FIGURE 1.2-8

GENERAL ARRANGEMENT REACTOR
BUILDING PLAN EL. 261'-0"
AND MISCELLANEOUS SHEET 1 OF 2

NINE MILE POINT
NUCLEAR STATION - UNIT 2
SCRIBA, N.Y.

UPDATED SAFETY ANALYSIS REPORT

Security- Related Information Figure Withheld Under 10 CFR 2.390

FIGURE 1.2-8

GENERAL ARRANGEMENT REACTOR
BUILDING PLAN EL. 215'-0"
AND MISCELLANEOUS SHEET 2 OF 2

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

AMENDMENT 26

MAY 1986

Security- Related Information Figure Withheld Under 10 CFR 2.390

FIGURE: 1.2-9
GENERAL ARRANGEMENT REACTOR BUILDING PLAN EL. 289'-0" SHEET 1 OF 2
NINE MILE POINT NUCLEAR STATION - UNIT 2 SCRIBA, N.Y. UPDATED SAFETY ANALYSIS REPORT

Security- Related Information Figure Withheld Under 10 CFR 2.390

FIGURE 1.2-9

GENERAL ARRANGEMENT REACTOR
BUILDING PLAN EL 306'-0"
SHEET 2 OF 2

NINE MILE POINT-UNIT 2
UPDATED SAFETY ANALYSIS REPORT

USAR REVISION 17 OCTOBER 2006

Security- Related Information Figure Withheld Under 10 CFR 2.390

FIGURE 1.2-10
GENERAL ARRANGEMENT REACTOR BUILDING PLAN EL. 328'-10" SHEET 1 OF 2
NIAGARA MOHAWK POWER CORPORATION NINE MILE POINT-UNIT 2 UPDATED SAFETY ANALYSIS REPORT

USAR REVISION 13 OCTOBER 2008

Security- Related Information Figure Withheld Under 10 CFR 2.390

FIGURE 1.2-10
GENERAL ARRANGEMENT REACTOR BUILDING PLAN EL. 353'-10" SHEET 2 OF 2
NINE MILE POINT NUCLEAR STATION - UNIT 2 SCRBA, N.Y. UPDATED SAFETY ANALYSIS REPORT

USAR REVISION 16

OCTOBER 2004

Security- Related Information Figure Withheld Under 10 CFR 2.390

FIGURE 1.2-11

GENERAL ARRANGEMENT REACTOR
BUILDING SECTIONS
SHEET 1 OF 4

NINE MILE POINT
NUCLEAR STATION-UNIT 2
SCRIBA, NY
UPDATED SAFETY ANALYSIS REPORT

USAR REVISION 16

OCTOBER 2004

Security- Related Information Figure Withheld Under 10 CFR 2.390

FIGURE 1.2-11

GENERAL ARRANGEMENT REACTOR
BUILDING SECTIONS
SHEET 2 OF 4

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

REVISION 0

APRIL 1989

Security- Related Information Figure Withheld Under 10 CFR 2.390

FIGURE 1.2-11

GENERAL ARRANGEMENT REACTOR
BUILDING SECTIONS
SHEET 3 OF 4

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

USAR REVISION 8

NOVEMBER 1995

Security- Related Information Figure Withheld Under 10 CFR 2.390

FIGURE 1.2-11

GENERAL ARRANGEMENT REACTOR
BUILDING SECTIONS
SHEET 4 OF 4

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

USAR REVISION 0

APRIL 1989

Security- Related Information Figure Withheld Under 10 CFR 2.390

FIGURE 1.2-12

GENERAL ARRANGEMENT REACTOR
BUILDING SECTION 2-2

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

USAR REVISION 0

APRIL 1989

Security- Related Information Figure Withheld Under 10 CFR 2.390

FIGURE 1.2-13

GENERAL ARRANGEMENT RADWASTE
BUILDING PLAN EL 261'-0", 270'-9"
AND 309'-0" SHEET 1 OF 3

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

REVISION 10

NOVEMBER 1998

Security- Related Information Figure Withheld Under 10 CFR 2.390

GENERAL MANAGEMENT RADWASTE
BUILDING PLAN EL 261'-0", 270'-9"
AND 309'-0" SHEET 2 OF 3

NINE MILE POINT-UNIT 2
UPDATED SAFETY ANALYSIS REPORT

USAR REVISION 19

OCTOBER 2010

Security- Related Information Figure Withheld Under 10 CFR 2.390

FIGURE 12-13

GENERAL ARRANGEMENT RADWASTE
BUILDING PLAN EL 261'-0", 270'-9"
AND 309'-0" SHEET 3 OF 3

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

USAR REVISION 10

NOVEMBER 1998

Security- Related Information Figure Withheld Under 10 CFR 2.390

FIGURE 1.2-14

GENERAL ARRANGEMENT
RADWASTE BUILDING
SECTIONS

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

USAR REVISION 10

NOVEMBER 1998

Security- Related Information Figure Withheld Under 10 CFR 2.390

SOURCE: EE-27A, REV 29

FIGURE 1.2-15

GENERAL ARRANGEMENT
CONTROL BUILDING
MAIN CONTROL ROOM - EL. 308'-0"
SHEET 1 OF 4

NINE MILE POINT-UNIT 2
UPDATED SAFETY ANALYSIS REPORT

USAR REVISION 20

OCTOBER 2012

Security- Related Information Figure Withheld Under 10 CFR 2.390

SOURCE: EE-278

FIGURE 1.2-15

GENERAL ARRANGEMENT
CONTROL BUILDING
RELAY & COMPUTER ROOMS EL.288'-6"
SHEET 2 OF 4

NINE MILE POINT-UNIT 2
UPDATED SAFETY ANALYSIS REPORT

USAR REVISION 20

OCTOBER 2012

Security- Related Information Figure Withheld Under 10 CFR 2.390

SOURCE: EE-27C, REV. 17

FIGURE 1.2-15

GENERAL ARRANGEMENT
CONTROL BUILDING
SWITCHGEAR & BATTERY ROOMS - EL. 261'-0"
SHEET 3 OF 4

NINE MILE POINT-UNIT 2
UPDATED SAFETY ANALYSIS REPORT

USAR REVISION 17

OCTOBER 2006

Security- Related Information Figure Withheld Under 10
CFR 2.390

FIGURE 1.2-15

GENERAL ARRANGEMENT
CONTROL BUILDING
HPCS SWITCHGEAR ROOM - EL. 261'-0"
SHEET 4 OF 4

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

USAR REVISION 4

OCTOBER 1992

Security- Related Information Figure Withheld Under 10 CFR 2.390

FIGURE 1.2-16

GENERAL ARRANGEMENT
CONTROL BUILDING

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

USAR REVISION 0

APRIL 1989

Security- Related Information Figure Withheld Under 10 CFR 2.390

FIGURE 1.2-17
GENERAL ARRANGEMENT EMERGENCY DIESEL GENERATOR BUILDING PLAN SHEET 1 OF 6
NINE MILE POINT NUCLEAR STATION - UNIT 2 SCRIBA, N.Y. UPDATED SAFETY ANALYSIS REPORT

USAR REVISION 21 OCTOBER 2014

Security- Related Information Figure Withheld Under 10 CFR 2.390

FIGURE 1.2-17

GENERAL ARRANGEMENT
EMERGENCY DIESEL GENERATOR
BUILDING PLAN SHEET 2 OF 6

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

Security- Related Information Figure Withheld Under 10 CFR 2.390

FIGURE 1.2-17

GENERAL ARRANGEMENT
EMERGENCY DIESEL GENERATOR
BUILDING PLAN SHEET 3 OF 6

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

Security- Related Information Figure Withheld Under 10 CFR 2.390

FIGURE 1.2-17

GENERAL ARRANGEMENT
EMERGENCY DIESEL GENERATOR
BUILDING PLAN SHEET 4 OF 6

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

Security- Related Information Figure Withheld Under 10 CFR 2.390

FIGURE 1.2-17

GENERAL ARRANGEMENT
EMERGENCY DIESEL GENERATOR
BUILDING PLAN SHEET 5 OF 6

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

USAR REVISION 0

APRIL 1981

Security- Related Information Figure Withheld Under 10 CFR 2.390

FIGURE 1.2-17

GENERAL ARRANGEMENT
EMERGENCY DIESEL GENERATOR
BUILDING PLAN SHEET 6 OF 6

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

USAR REVISION 0

APRIL 1989

Security- Related Information Figure Withheld Under 10 CFR 2.390

FIGURE 1.2-18

GENERAL ARRANGEMENT
EMERGENCY DIESEL GENERATOR
BUILDING SECTIONS

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

USAR REVISION 0

APRIL 1989

Security- Related Information Figure Withheld Under 10 CFR 2.390

FIGURE 1.2-19
GENERAL ARRANGEMENT TURBINE BUILDING PLAN EL 250'-OF SHEET 1 OF 2
NINE MILE POINT NUCLEAR STATION - UNIT 2 SCORBA, N.Y. UPDATED SAFETY ANALYSIS REPORT
USAR REVISION 21 OCTOBER 2014

Security- Related Information Figure Withheld Under 10 CFR 2.390

FIGURE 1.2-19
GENERAL ARRANGEMENT TURBINE BUILDING PLAN EL. 250'-0" SHEET 2 OF 2
NINE MILE POINT NUCLEAR STATION - UNIT 2 SCRIBA, N.Y. UPDATED SAFETY ANALYSIS REPORT