

NINE MILE POINT NUCLEAR STATION UNIT 1

PERSONNEL RADIATION EXPOSURE SUMMARY

NUMBER OF PERSONNEL AND MAN-REM BY WORK AND JOB FUNCTION

| Work & Job Function | NUMBER OF PERSONNEL (>0 MREM) | | | TOTAL MAN-REM | | |
|--|-------------------------------|----------------------|---------------------------------|----------------------|----------------------|---------------------------------|
| | Station Employees | Utility Employees | Contract Workers & Others | Station Employees | Utility Employees | Contract Workers & Others |
| A Reactor Cleanup | 19 | 11 | 6 | 1.965 | 2.085 | .108 |
| C Condensate Demin | 2 | | | .008 | | |
| E Electromatic Reliefs | 23 | 36 | 88 | 2.939 | 6.800 | 17.933 |
| F Flat Bed Filter | 3 | 1 | 3 | .018 | .010 | .009 |
| M M.S. Isolation Valves | 25 | 9 | 2 | .271 | .085 | .017 |
| N Stat Mods/Retro Fits | 275 | 106 | 1016 | 29.838 | 8.548 | 613.870 |
| P Tip Maint. | 32 | 1 | 5 | 2.226 | .035 | .048 |
| R Reheater Maint. | 20 | 18 | 25 | .254 | .116 | 2.505 |
| T Turbine Maint. | 63 | 35 | 83 | .634 | 1.433 | 2.244 |
| U Turb. Stop Cont. Interrupt Bypass | 24 | 28 | 31 | .686 | 3.086 | 1.443 |
| V Misc. Valves | 72 | 47 | 33 | 1.961 | 1.450 | 1.914 |
| W Waste Proc. Facil | 171 | 31 | 109 | 44.283 | 1.573 | 15.555 |
| 1 Routine Oper/surv. | 358 | 49 | 303 | 95.449 | 2.031 | 46.583 |
| 2 Routine Maint. | 248 | 36 | 188 | 29.175 | 1.288 | 11.862 |
| 3 Waste Concen. * | 20 | 3 | 1 | .727 | .160 | .012 |
| 4 Rod Drive Maint. | 87 | 43 | 23 | 30.267 | 20.676 | 3.909 |
| 5 In-service Insp. | 59 | 31 | 184 | 1.436 | .607 | 114.146 |
| 6 LPRM Maint. | 57 | 11 | 3 | 21.424 | 1.233 | .315 |
| 7 Misc. Shutdown Maint. | 297 | 82 | 688 | 68.019 | 30.589 | 108.355 |
| 8 Recirc Pump Maint. | 103 | 52 | 161 | 25.473 | 28.378 | 35.626 |
| 9 Refueling Oper/Maint. | 212 | 79 | 340 | 36.128 | 23.031 | 85.504 |
| Dosimeter Totals | | | | 393.181 | 133.214 | 1061.958 |
| Film Totals | | | | 460.610 | 119.960 | 956.480 |

* Remaining exposure for this function included in Code W.

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|--------------------------------------|--------------------------------|----------------------|---------------------------------|----------------------|----------------------|---------------------------------|
| | STATION EMPLOYEES | UTILITY EMPLOYEES | CONTRACT WORKERS & OTHERS | STATION EMPLOYEES | UTILITY EMPLOYEES | CONTRACT WORKERS & OTHERS |
| REACTOR CLEANUP SYSTEM AEC CODE A | | | | | | |
| MAINTENANCE | | | | | | |
| MECHANICS | 10 | 11 | | 1.630 | 2.085 | |
| ELECTRICIANS | | | | | | |
| OTHER MAINT | 2 | | 1 | .040 | | .005 |
| OPERATORS | 1 | | 1 | .040 | | .035 |
| INSTR & CONTROL | 2 | | | .035 | | |
| RAD PROT & CHEM | 1 | | 2 | .140 | | .020 |
| REACTOR PHYSICS | | | | | | |
| SUPERVISORS | 3 | | | .080 | | |
| ENGINEERS | | | 2 | | | .048 |
| OTHERS | | | | | | |
| TOTAL | 19 | 11 | 6 | 1.965 | 2.085 | .108 |
| CATEGORY TOTALS | | 36 | | | 4.158 | |

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NUMBER OF PERSONNEL AND MAN-REM BY WORK AND JOB FUNCTION

| WORK & JOB FUNCTION | NUMBER OF PERSONNEL (> 0 MREM) | | | TOTAL MAN-REM | | |
|--|--------------------------------|----------------------|---------------------------------|----------------------|----------------------|---------------------------------|
| | STATION EMPLOYEES | UTILITY EMPLOYEES | CONTRACT WORKERS & OTHERS | STATION EMPLOYEES | UTILITY EMPLOYEES | CONTRACT WORKERS & OTHERS |
| CONDENSATE DEMINERALIZER MAINTENANCE AEC CODE C | | | | | | |
| MAINTENANCE | | | | | | |
| MECHANICS | 2 | | | .008 | | |
| ELECTRICIANS | | | | | | |
| OTHER MAINT | | | | | | |
| OPERATORS | | | | | | |
| INSTR & CONTROL | | | | | | |
| RAD PROT & CHEM | | | | | | |
| REACTOR PHYSICS | | | | | | |
| SUPERVISORS | | | | | | |
| ENGINEERS | | | | | | |
| OTHERS | | | | | | |
| TOTAL | 2 | | | .008 | | |
| CATEGORY TOTALS | | 2 | | | .008 | |

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PERSONNEL RADIATION EXPOSURE SUMMARY

NUMBER OF PERSONNEL AND MAN-REM BY WORK AND JOB FUNCTION

| WORK & JOB FUNCTION | NUMBER OF PERSONNEL (> 0 MREM) | | | TOTAL MAN-REM | | |
|---|--------------------------------|----------------------|---------------------------------|----------------------|----------------------|---------------------------------|
| | STATION EMPLOYEES | UTILITY EMPLOYEES | CONTRACT WORKERS & OTHERS | STATION EMPLOYEES | UTILITY EMPLOYEES | CONTRACT WORKERS & OTHERS |
| ELECTROMATIC RELIEF VALVE MAINTENANCE AEC CODE E | | | | | | |
| MAINTENANCE | | | | | | |
| MECHANICS | 9 | 25 | 62 | 1.794 | 5.455 | 14.469 |
| ELECTRICIANS | 2 | 4 | | .180 | .635 | |
| OTHER MAINT | 2 | 2 | 4 | .425 | .340 | 1.025 |
| OPERATORS | | | 2 | | | .150 |
| INSTP & CONTROL | 3 | | | .040 | | |
| RAD PROT & CHEM | | | 4 | | | .365 |
| REACTOR PHYSICS | | | | | | |
| SUPERVISORS | 5 | | 4 | .460 | | .330 |
| ENGINEERS | 2 | 1 | 8 | .040 | .030 | 1.329 |
| OTHERS | | 4 | 4 | | .340 | .265 |
| TOTAL | 23 | 36 | 88 | 2.939 | 6.800 | 17.933 |
| CATEGORY TOTALS | | 147 | | | 27.672 | |

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PERSONNEL RADIATION EXPOSURE SUMMARY

NUMBER OF PERSONNEL AND MAN-REM BY WORK AND JOB FUNCTION

| WORK & JOB FUNCTION | NUMBER OF PERSONNEL (> 0 MREM) | | | TOTAL MAN-REM | | |
|-------------------------------|--------------------------------|-------------------|---------------------------|-------------------|-------------------|---------------------------|
| | STATION EMPLOYEES | UTILITY EMPLOYEES | CONTRACT WORKERS & OTHERS | STATION EMPLOYEES | UTILITY EMPLOYEES | CONTRACT WORKERS & OTHERS |
| FLAT RED FILTER AEC CODE F | | | | | | |
| MAINTENANCE | | | | | | |
| MECHANICS | | | 2 | | | .007 |
| ELECTRICIANS | | | | | | |
| OTHER MAINT | | | | | | |
| OPERATORS | | | | | | |
| INSTR & CONTROL | 2 | | | .008 | | |
| RAD PROT & CHEM | | | 1 | | | .002 |
| REACTOR PHYSICS | | | | | | |
| SUPERVISORS | 1 | | | .010 | | |
| ENGINEERS | | | | | | |
| OTHERS | | 1 | | | .010 | |
| TOTAL | 3 | 1 | 3 | .018 | .010 | .009 |
| CATEGORY TOTALS | | 7 | | | .037 | |

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NUMBER OF PERSONNEL AND MAN-REM BY WORK AND JOB FUNCTION

| WORK & JOB FUNCTION | NUMBER OF PERSONNEL (> 0 MREM) | | | TOTAL MAN-REM | | |
|--|--------------------------------|-------------------|---------------------------|-------------------|-------------------|---------------------------|
| | STATION EMPLOYEES | UTILITY EMPLOYEES | CONTRACT WORKERS & OTHERS | STATION EMPLOYEES | UTILITY EMPLOYEES | CONTRACT WORKERS & OTHERS |
| MAIN STEAM ISOLATION VALVE MAINT AEC CODE M | | | | | | |
| MAINTENANCE | | | | | | |
| MECHANICS | 7 | 7 | | .080 | .070 | |
| ELECTRICIANS | 4 | | | .060 | | |
| OTHER MAINT | 1 | 1 | 1 | .015 | .010 | .015 |
| OPERATORS | | | | | | |
| INSTP & CONTROL | 10 | 1 | | .103 | .005 | |
| RAD PROT & CHEM | 1 | | 1 | .002 | | .002 |
| REACTOR PHYSICS | 1 | | | .001 | | |
| SUPERVISORS | 1 | | | .010 | | |
| ENGINEERS | | | | | | |
| OTHERS | | | | | | |
| TOTAL | 25 | 9 | 2 | .271 | .085 | .017 |
| CATEGORY TOTALS | | 36 | | | .373 | |

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PERSONNEL RADIATION EXPOSURE SUMMARY

NUMBER OF PERSONNEL AND MAN-REM BY WORK AND JOB FUNCTION

| WORK & JOB FUNCTION | NUMBER OF PERSONNEL (> 0 MREM) | | | TOTAL MAN-REM | | |
|---|--------------------------------|----------------------|---------------------------------|----------------------|----------------------|---------------------------------|
| | STATION EMPLOYEES | UTILITY EMPLOYEES | CONTRACT WORKERS & OTHERS | STATION EMPLOYEES | UTILITY EMPLOYEES | CONTRACT WORKERS & OTHERS |
| ONGOING CONST STA MODS RETRO-FITS AFC CODE N | | | | | | |
| MAINTENANCE | | | | | | |
| MECHANICS | 35 | 39 | 549 | 3.220 | 3.513 | 450.555 |
| ELECTRICIANS | 19 | 11 | 151 | 7.541 | 1.643 | 54.087 |
| OTHER MAINT | 39 | 5 | 62 | 5.187 | .245 | 35.944 |
| OPERATORS | 82 | | 8 | 3.425 | | 2.160 |
| INSTR & CONTROL | 34 | 2 | 2 | 3.274 | .265 | .488 |
| RAD PROT & CHEM | 19 | | 58 | .604 | | 7.321 |
| REACTOR PHYSICS | 6 | | 1 | .124 | | .010 |
| SUPERVISORS | 25 | | 21 | 4.489 | | 3.647 |
| ENGINEERS | 14 | 24 | 54 | 1.549 | 2.004 | 27.501 |
| OTHERS | 2 | 25 | 110 | .425 | .878 | 32.157 |
| TOTAL | 275 | 106 | 1016 | 29.838 | 8.548 | 613.870 |
| CATEGORY TOTALS | | 1397 | | | 652.256 | |

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PERSONNEL RADIATION EXPOSURE SUMMARY

NUMBER OF PERSONNEL AND MAN-REM BY WORK AND JOB FUNCTION

| WORK & JOB FUNCTION | NUMBER OF PERSONNEL (> 0 MREM) | | | TOTAL MAN-REM | | |
|-------------------------------|--------------------------------|----------------------|---------------------------------|----------------------|----------------------|---------------------------------|
| | STATION EMPLOYEES | UTILITY EMPLOYEES | CONTRACT WORKERS & OTHERS | STATION EMPLOYEES | UTILITY EMPLOYEES | CONTRACT WORKERS & OTHERS |
| TIP MAINTENANCE AEC CODE P | | | | | | |
| MAINTENANCE | | | | | | |
| MECHANICS | 1 | 1 | | .100 | .035 | |
| ELECTRICIANS | 2 | | | .040 | | |
| OTHER MAINT | 1 | | | .035 | | |
| OPERATORS | 1 | | | .158 | | |
| INSTR & CONTROL | 18 | | | 1.626 | | |
| RAD PROT & CHEM | 7 | | 4 | .102 | | .028 |
| REACTOR PHYSICS | 2 | | | .165 | | |
| SUPERVISORS | | | | | | |
| ENGINEERS | | | | | | |
| OTHERS | | | 1 | | | .020 |
| TOTAL | 32 | 1 | 5 | 2.226 | .035 | .048 |
| CATEGORY TOTALS | | 38 | | | 2.309 | |

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PERSONNEL RADIATION EXPOSURE SUMMARY

NUMBER OF PERSONNEL AND MAN-REM BY WORK AND JOB FUNCTION

| WORK & JOB FUNCTION | NUMBER OF PERSONNEL (> 0 MREM) | | | TOTAL MAN-REM | | |
|------------------------------------|--------------------------------|----------------------|---------------------------------|----------------------|----------------------|---------------------------------|
| | STATION EMPLOYEES | UTILITY EMPLOYEES | CONTRACT WORKERS & OTHERS | STATION EMPLOYEES | UTILITY EMPLOYEES | CONTRACT WORKERS & OTHERS |
| REFRATER MAINTENANCE AEC CODE R | | | | | | |
| MAINTENANCE | | | | | | |
| MECHANICS | 9 | 13 | | .070 | .086 | |
| ELECTRICIANS | | 4 | | | .025 | |
| OTHER MAINT | 1 | 1 | 8 | .120 | .005 | .450 |
| OPERATORS | 3 | | | .006 | | |
| INSTR & CONTROL | 4 | | | .008 | | |
| RAD PROT & CHEM | 1 | | 1 | .005 | | .010 |
| REACTOR PHYSICS | | | | | | |
| SUPERVISORS | | | 1 | | | .330 |
| ENGINEERS | 2 | | 10 | .045 | | 1.115 |
| OTHERS | | | 5 | | | .600 |
| TOTAL | 20 | 18 | 25 | .254 | .116 | 2.505 |
| CATEGORY TOTALS | | 63 | | | 2.875 | |

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NUMBER OF PERSONNEL AND MAN-REM BY WORK AND JOB FUNCTION

| WORK & JOB FUNCTION | NUMBER OF PERSONNEL (> 0 MREM) | | | TOTAL MAN-REM | | |
|--------------------------------|--------------------------------|----------------------|---------------------------------|----------------------|----------------------|---------------------------------|
| | STATION EMPLOYEES | UTILITY EMPLOYEES | CONTRACT WORKERS & OTHERS | STATION EMPLOYEES | UTILITY EMPLOYEES | CONTRACT WORKERS & OTHERS |
| TURBINE OVERHAUL AEC CODE 1 | | | | | | |
| MAINTENANCE | | | | | | |
| MECHANICS | 8 | 28 | 28 | .151 | 1.299 | .621 |
| ELECTRICIANS | 4 | 5 | 3 | .013 | .126 | .040 |
| OTHER MAINT | 15 | | 8 | .232 | | .429 |
| OPERATORS | 5 | | 1 | .032 | | .025 |
| INSTR & CONTROL | 19 | 1 | 3 | .132 | .006 | .065 |
| RAD PROT & CHEM | 6 | | 4 | .039 | | .017 |
| REACTOR PHYSICS | 1 | | | .001 | | |
| SUPERVISORS | 3 | | 2 | .009 | | .102 |
| ENGINEERS | 1 | 1 | 21 | .005 | .002 | .529 |
| OTHERS | 1 | | 13 | .020 | | .416 |
| TOTAL | 63 | 35 | 83 | .634 | 1.433 | 2.244 |
| CATEGORY TOTALS | | 181 | | | 4.311 | |

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NUMBER OF PERSONNEL AND MAN-REM BY WORK AND JOB FUNCTION

| WORK & JOB FUNCTION | NUMBER OF PERSONNEL (> 0 MREM) | | | TOTAL MAN-REM | | |
|---|--------------------------------|-------------------|---------------------------|-------------------|-------------------|---------------------------|
| | STATION EMPLOYEES | UTILITY EMPLOYEES | CONTRACT WORKERS & OTHERS | STATION EMPLOYEES | UTILITY EMPLOYEES | CONTRACT WORKERS & OTHERS |
| TURBINE STOP CONTROL INTERCEPT BYPASS AEC CODE U | | | | | | |
| MAINTENANCE | | | | | | |
| MECHANICS | 13 | 25 | 15 | .300 | 2.786 | .995 |
| ELECTRICIANS | 2 | 2 | | .130 | .120 | |
| OTHER MAINT | 3 | 1 | 6 | .220 | .180 | .172 |
| OPERATORS | 2 | | | .002 | | |
| INSTR & CONTROL | 2 | | | .028 | | |
| RAD PROT & CHEM | 1 | | | .004 | | |
| REACTOR PHYSICS | | | | | | |
| SUPERVISORS | 1 | | | .002 | | |
| ENGINEERS | | | 8 | | | .226 |
| OTHERS | | | 2 | | | .050 |
| TOTAL | 24 | 28 | 31 | .686 | 3.086 | 1.443 |
| CATEGORY TOTALS | | 83 | | | 5.215 | |

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PERSONNEL RADIATION EXPOSURE SUMMARY

NUMBER OF PERSONNEL AND MAN-REM BY WORK AND JOB FUNCTION

| WORK & JOB FUNCTION | NUMBER OF PERSONNEL (> 0 MREM) | | | TOTAL MAN-REM | | |
|--------------------------------------|--------------------------------|----------------------|---------------------------------|----------------------|----------------------|---------------------------------|
| | STATION EMPLOYEES | UTILITY EMPLOYEES | CONTRACT WORKERS & OTHERS | STATION EMPLOYEES | UTILITY EMPLOYEES | CONTRACT WORKERS & OTHERS |
| MISC VALVE MAINTENANCE AEC CODE V | | | | | | |
| MAINTENANCE | | | | | | |
| MECHANICS | 20 | 32 | 3 | .585 | 1.097 | .080 |
| ELECTRICIANS | 12 | 7 | | .534 | .110 | |
| OTHER MAINT | 4 | 3 | 5 | .130 | .170 | .120 |
| OPERATORS | 7 | | 2 | .119 | | .045 |
| INSIP & CONTROL | 24 | 2 | | .556 | .034 | |
| RAD PROT & CHEM | 1 | | 10 | .005 | | .446 |
| REACTOR PHYSICS | 1 | | | .010 | | |
| SUPFRVISORS | 2 | | 1 | .012 | | .140 |
| ENGINEERS | 1 | 2 | 8 | .010 | .012 | .508 |
| OTHERS | | 1 | 4 | | .027 | .575 |
| TOTAL | 72 | 47 | 33 | 1.961 | 1.450 | 1.914 |
| CATEGORY TOTALS | | 152 | | | 5.325 | |

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 NUMBER OF PERSONNEL AND MAN-REM BY WORK AND JOB FUNCTION

| WORK & JOB FUNCTION | NUMBER OF PERSONNEL (> 0 MREM) | | | TOTAL MAN-REM | | |
|---|--------------------------------|-------------------|---------------------------|-------------------|-------------------|---------------------------|
| | STATION EMPLOYEES | UTILITY EMPLOYEES | CONTRACT WORKERS & OTHERS | STATION EMPLOYEES | UTILITY EMPLOYEES | CONTRACT WORKERS & OTHERS |
| WASTE PROCESSING FACILITY AEC CODE W | | | | | | |
| MAINTENANCE | | | | | | |
| MECHANICS | 30 | 21 | 54 | 3.840 | 1.352 | 1.625 |
| ELECTRICIANS | 14 | 4 | 6 | .357 | .120 | .055 |
| OTHER MAINT | 26 | | 2 | 16.096 | | .130 |
| OPERATORS | 50 | | 2 | 15.521 | | .212 |
| INSTR & CONTROL | 14 | | | .554 | | |
| RAD PROT & CHEM | 20 | | 26 | 4.308 | | 9.537 |
| REACTOR PHYSICS | | | | | | |
| SUPERVISORS | 10 | | 1 | 1.583 | | .100 |
| ENGINEERS | 4 | 2 | 6 | .414 | .030 | .120 |
| OTHERS | 3 | 4 | 12 | 1.610 | .071 | 3.776 |
| TOTAL | 171 | 31 | 109 | 44.283 | 1.573 | 15.555 |
| CATEGORY TOTALS | | 311 | | | 61.411 | |

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PERSONNEL RADIATION EXPOSURE SUMMARY

NUMBER OF PERSONNEL AND MAN-REM BY WORK AND JOB FUNCTION

| WORK & JOB FUNCTION | NUMBER OF PERSONNEL (> 0 MREM) | | | TOTAL MAN-REM | | |
|---|--------------------------------|----------------------|---------------------------------|----------------------|----------------------|---------------------------------|
| | STATION EMPLOYEES | UTILITY EMPLOYEES | CONTRACT WORKERS & OTHERS | STATION EMPLOYEES | UTILITY EMPLOYEES | CONTRACT WORKERS & OTHERS |
| ROUTINE PLANT OPER & SURV AEC CODE 1 | | | | | | |
| MAINTENANCE | | | | | | |
| MECHANICS | 32 | 23 | 73 | 1.251 | 1.009 | 1.509 |
| ELECTRICIANS | 20 | 6 | 33 | 1.485 | .394 | .945 |
| OTHER MAINT | 43 | 2 | 15 | 6.177 | .040 | 2.396 |
| OPERATORS | 134 | | 8 | 27.113 | | 1.174 |
| INSTR & CONTROL | 32 | 2 | 2 | 6.199 | .077 | .099 |
| RAD PROT & CHEM | 26 | | 75 | 33.158 | | 32.879 |
| REACTOR PHYSICS | 9 | 1 | | .795 | .030 | |
| SUPERVISORS | 40 | | 15 | 14.446 | | .829 |
| ENGINEERS | 12 | 9 | 33 | .928 | .183 | 2.032 |
| OTHERS | 10 | 6 | 49 | 3.897 | .298 | 4.720 |
| TOTAL | 358 | 49 | 303 | 95.449 | 2.031 | 46.583 |
| CATEGORY TOTALS | | 710 | | | 144.063 | |

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NUMBER OF PERSONNEL AND MAN-REM BY WORK AND JOB FUNCTION

| WORK & JOB FUNCTION | NUMBER OF PERSONNEL (> 0 MREM) | | | TOTAL MAN-REM | | |
|--|--------------------------------|----------------------|---------------------------------|----------------------|----------------------|---------------------------------|
| | STATION EMPLOYEES | UTILITY EMPLOYEES | CONTRACT WORKERS & OTHERS | STATION EMPLOYEES | UTILITY EMPLOYEES | CONTRACT WORKERS & OTHERS |
| ROUTINE MAINTENANCE (DURING OPERATION) AFC CODE 2 | | | | | | |
| MAINTENANCE | | | | | | |
| MECHANICS | 36 | 8 | 51 | 8.585 | .220 | 1.717 |
| ELECTRICIANS | 18 | 2 | 43 | 3.505 | .188 | 2.533 |
| OTHER MAINT | 40 | 1 | 4 | 6.017 | .050 | .191 |
| OPERATORS | 67 | | 6 | 4.234 | | .107 |
| INSTR & CONTROL | 30 | 1 | 1 | 3.624 | .313 | .120 |
| RAD PROT & CHEM | 21 | | 27 | 1.283 | | 1.752 |
| REACTOR PHYSICS | 8 | | | .258 | | |
| SUPERVISORS | 17 | | 7 | .426 | | 1.118 |
| ENGINEERS | 6 | 7 | 17 | .910 | .066 | .832 |
| OTHERS | 5 | 17 | 32 | .333 | .451 | 3.492 |
| TOTAL | 248 | 36 | 188 | 29.175 | 1.288 | 11.862 |
| CATEGORY TOTALS | | 472 | | | 42.325 | |

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| WORK & JOB FUNCTION | NUMBER OF PERSONNEL (> 0 MREM) | | | TOTAL MAN-REM | | |
|---|--------------------------------|----------------------|---------------------------------|----------------------|----------------------|---------------------------------|
| | STATION EMPLOYEES | UTILITY EMPLOYEES | CONTRACT WORKERS & OTHERS | STATION EMPLOYEES | UTILITY EMPLOYEES | CONTRACT WORKERS & OTHERS |
| WASTE CONCENTRATOR OVERHAUL OR REPAIR * | | | | | | |
| AEC CODE 3 | | | | | | |
| MAINTENANCE | | | | | | |
| MECHANICS | 12 | 3 | | .515 | .160 | |
| ELECTRICIANS | 2 | | | .006 | | |
| OTHER MAINT | | | | | | |
| OPERATORS | | | | | | |
| INSTR & CONTROL | 3 | | | .006 | | |
| RAD PROT & CHEM | 2 | | 1 | .045 | | .012 |
| REACTOR PHYSICS | | | | | | |
| SUPERVISORS | | | | | | |
| ENGINEERS | 1 | | | .155 | | |
| OTHERS | | | | | | |
| TOTAL | 20 | 3 | 1 | .727 | .160 | .012 |
| CATEGORY TOTALS | | 24 | | | .899 | |

* Remaining exposure for this function included in Code W.

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| WORK & JOB FUNCTION | NUMBER OF PERSONNEL (> 0 MREM) | | | TOTAL MAN-REM | | |
|-------------------------------------|--------------------------------|----------------------|---------------------------------|----------------------|----------------------|---------------------------------|
| | STATION EMPLOYEES | UTILITY EMPLOYEES | CONTRACT WORKERS & OTHERS | STATION EMPLOYEES | UTILITY EMPLOYEES | CONTRACT WORKERS & OTHERS |
| ROD DRIVE MAINTENANCE AFC CODE 4 | | | | | | |
| MAINTENANCE | | | | | | |
| MECHANICS | 32 | 32 | 2 | 22.433 | 19.113 | .130 |
| ELECTRICIANS | 10 | 6 | 1 | 2.697 | .750 | .400 |
| OTHER MAINT | 7 | 2 | 5 | 1.195 | .620 | 1.698 |
| OPERATORS | 4 | | | .095 | | |
| INSTR & CONTROL | 13 | 1 | | 1.567 | .018 | |
| RAD PROT & CHEM | 6 | | 2 | .201 | | .050 |
| REACTOR PHYSICS | 3 | | | .027 | | |
| SUPERVISORS | 7 | | | .567 | | |
| ENGINEERS | 4 | 1 | 8 | 1.482 | .010 | .774 |
| OTHERS | 1 | 1 | 5 | .003 | .165 | .857 |
| TOTAL | 87 | 43 | 23 | 30.267 | 20.676 | 3.909 |
| CATEGORY TOTALS | | 153 | | | 54.852 | |

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NUMBER OF PERSONNEL AND MAN-REM BY WORK AND JOB FUNCTION

| WORK & JOB FUNCTION | NUMBER OF PERSONNEL (> 0 MREM) | | | TOTAL MAN-REM | | |
|-------------------------------------|--------------------------------|----------------------|---------------------------------|----------------------|----------------------|---------------------------------|
| | STATION EMPLOYEES | UTILITY EMPLOYEES | CONTRACT WORKERS & OTHERS | STATION EMPLOYEES | UTILITY EMPLOYEES | CONTRACT WORKERS & OTHERS |
| IN-SERVICE INSPECTION AEC CODE 5 | | | | | | |
| MAINTENANCE | | | | | | |
| MECHANICS | 8 | 15 | 63 | .096 | .214 | 37.158 |
| ELECTRICIANS | 5 | 3 | 3 | .127 | .064 | 3.633 |
| OTHER MAINT | | 1 | 40 | | .035 | 36.866 |
| OPERATORS | 18 | | 2 | .101 | | .007 |
| INSTR & CONTROL | 11 | | 1 | .790 | | .022 |
| RAD PROT & CHEM | 6 | | 14 | .152 | | .154 |
| REACTOR PHYSICS | | | | | | |
| SUPERVISORS | 9 | | 10 | .155 | | 5.775 |
| ENGINEERS | 2 | 8 | 12 | .015 | .278 | .706 |
| OTHERS | | 4 | 39 | | .016 | 29.825 |
| TOTAL | 59 | 31 | 184 | 1.436 | .607 | 114.146 |
| CATEGORY TOTALS | | 274 | | | 116.189 | |

1981

NINE MILF POINT NUCLEAR STATION UNIT 1

PERSONNEL RADIATION EXPOSURE SUMMARY

NUMBER OF PERSONNEL AND MAN-REM BY WORK AND JOB FUNCTION

| WORK & JOB FUNCTION | NUMBER OF PERSONNEL (> 0 MREM) | | | TOTAL MAN-REM | | |
|--------------------------------|--------------------------------|-------------------|---------------------------|-------------------|-------------------|---------------------------|
| | STATION EMPLOYEES | UTILITY EMPLOYEES | CONTRACT WORKERS & OTHERS | STATION EMPLOYEES | UTILITY EMPLOYEES | CONTRACT WORKERS & OTHERS |
| LPRM MAINTENANCE AFC CODE 6 | | | | | | |
| MAINTENANCE | | | | | | |
| MECHANICS | 6 | 6 | | .585 | .370 | |
| ELECTRICIANS | | | | | | |
| OTHER MAINT | 2 | 1 | 1 | .125 | .030 | .275 |
| OPERATORS | 14 | | | .592 | | |
| INSTR & CONTROL | 28 | 1 | | 16.206 | .490 | |
| RAD PROT & CHEM | | | 2 | | | .046 |
| REACTOR PHYSICS | 4 | | | 3.876 | | |
| SUPERVISORS | 3 | | | .040 | | |
| ENGINEERS | | 2 | | | .045 | |
| OTHERS | | 1 | | | .298 | |
| TOTAL | 57 | 11 | 3 | 21.424 | 1.233 | .315 |
| CATEGORY TOTALS | | 71 | | | 22.972 | |

1981

NINE MILE POINT NUCLEAR STATION UNIT 1

PERSONNEL RADIATION EXPOSURE SUMMARY

NUMBER OF PERSONNEL AND MAN-REM BY WORK AND JOB FUNCTION

| WORK & JOB FUNCTION | NUMBER OF PERSONNEL (> 0 MREM) | | | TOTAL MAN-REM | | |
|--|--------------------------------|-------------------|---------------------------|-------------------|-------------------|---------------------------|
| | STATION EMPLOYEES | UTILITY EMPLOYEES | CONTRACT WORKERS & OTHERS | STATION EMPLOYEES | UTILITY EMPLOYEES | CONTRACT WORKERS & OTHERS |
| MISCELLANEOUS SHUTDOWN MAINTENANCE AEC CODE 7 | | | | | | |
| MAINTENANCE | | | | | | |
| MECHANICS | 39 | 47 | 321 | 21.774 | 20.915 | 44.596 |
| ELECTRICIANS | 19 | 14 | 108 | 10.749 | 6.238 | 5.924 |
| OTHER MAINT | 41 | 3 | 49 | 12.548 | 2.353 | 18.402 |
| OPERATORS | 101 | | 4 | 7.807 | | 2.678 |
| INSTR & CONTROL | 35 | 2 | 2 | 11.026 | .521 | .441 |
| RAD PROT & CHEM | 14 | | 59 | .428 | | 8.665 |
| REACTOR PHYSICS | 7 | | 1 | .483 | | .035 |
| SUPERVISORS | 26 | | 15 | 2.431 | | 2.207 |
| ENGINEERS | 9 | 7 | 41 | .691 | .157 | 2.593 |
| OTHERS | 6 | 9 | 88 | .082 | .405 | 22.814 |
| TOTAL | 297 | 82 | 688 | 68.019 | 30.589 | 108.355 |
| CATEGORY TOTALS | | 1067 | | | 206.963 | |

1981

MINE MILF POINT NUCLEAR STATION UNIT I

PERSONNEL RADIATION EXPOSURE SUMMARY

NUMBER OF PERSONNEL AND MAN-REM BY WORK AND JOB FUNCTION

| WORK & JOB FUNCTION | NUMBER OF PERSONNEL (> 0 MREM) | | | TOTAL MAN-REM | | |
|--|--------------------------------|----------------------|---------------------------------|----------------------|----------------------|---------------------------------|
| | STATION EMPLOYEES | UTILITY EMPLOYEES | CONTRACT WORKERS & OTHERS | STATION EMPLOYEES | UTILITY EMPLOYEES | CONTRACT WORKERS & OTHERS |
| RECIRCULATING PUMP MAINTENANCE AEC CODE B | | | | | | |
| MAINTENANCE | | | | | | |
| MECHANICS | 35 | 40 | 88 | 15.886 | 26.409 | 19.920 |
| ELECTRICIANS | 11 | 6 | 2 | 2.552 | 1.745 | .040 |
| OTHER MAINT | 11 | 1 | 26 | 2.370 | .012 | 5.811 |
| OPERATORS | 12 | | 2 | .354 | | 2.560 |
| INSTR & CONTROL | 12 | 1 | | .705 | .017 | |
| RAD PROT & CHEM | 4 | | 13 | .222 | | 1.275 |
| REACTOR PHYSICS | 1 | | 1 | .020 | | .125 |
| SUPERVISORS | 10 | | 4 | 2.832 | | 1.195 |
| ENGINEERS | 7 | 1 | 6 | .532 | .035 | .620 |
| OTHERS | | 3 | 19 | | .160 | 4.080 |
| TOTAL | 103 | 52 | 161 | 25.473 | 28.378 | 35.626 |
| CATEGORY TOTALS | | 316 | | | 89.477 | |

1981

NINE MILE POINT NUCLEAR STATION UNIT 1

PERSONNEL RADIATION EXPOSURE SUMMARY

NUMBER OF PERSONNEL AND MAN-REM BY WORK AND JOB FUNCTION

| WORK & JOB FUNCTION | NUMBER OF PERSONNEL (> 0 MREM) | | | TOTAL MAN-REM | | |
|--|--------------------------------|----------------------|---------------------------------|----------------------|----------------------|---------------------------------|
| | STATION EMPLOYEES | UTILITY EMPLOYEES | CONTRACT WORKERS & OTHERS | STATION EMPLOYEES | UTILITY EMPLOYEES | CONTRACT WORKERS & OTHERS |
| REFUELING OPERATIONS & MAINTENANCE AEC CODE 9 | | | | | | |
| MAINTENANCE | | | | | | |
| MECHANICS | 38 | 42 | 139 | 17.424 | 20.244 | 43.909 |
| ELECTRICIANS | 16 | 12 | 23 | 1.078 | 1.283 | 1.573 |
| OTHER MAINT | 22 | 3 | 27 | .840 | 1.080 | 8.099 |
| OPERATORS | 48 | | 5 | 8.454 | | .617 |
| INSTR & CONTROL | 29 | 1 | 1 | 2.948 | .114 | .030 |
| RAD PROT & CHEM | 12 | | 28 | 1.031 | | 3.104 |
| REACTOR PHYSICS | 7 | | | 2.040 | | |
| SUPERVISORS | 21 | | 15 | .984 | | 3.870 |
| ENGINEERS | 13 | 17 | 44 | .919 | .266 | 13.117 |
| OTHERS | 6 | 4 | 58 | .410 | .044 | 11.185 |
| TOTAL | 212 | 79 | 340 | 36.128 | 23.031 | 85.504 |
| CATEGORY TOTALS | | 631 | | | 144.663 | |
| PLANT TOTALS | 404 | 153 | 1356 | 393.181 | 133.214 | 1061.958 |
| GRAND TOTALS | | 1917 | | | 1588.353 | |