

| Parameter | | | Value |
|-----------------------------|-------------------------|-----------------|--------------------------------|
| Core Power Level | | | 3316 MWt (U1) 3480 MWt (U2) |
| Containment Volumes | | | |
| Upper Containmen | 609,000 ft ³ | | |
| Upper Containmen | 120,000 ft ³ | | |
| Ice Condenser | | | 103,000 ft ³ |
| Lower Containment Sprayed | | | 101,000 ft ³ |
| Lower Containment Unsprayed | | | 64,000 ft ³ |
| Fan/Accumulator Rooms | | | 47,000 ft ³ |
| Dead-Ended | | | 18,000 ft ³ |
| Containment Ventilation F | low Rat | es ¹ | |
| Fan/Acc Rooms | to | LC Unsprayed | 14,530 cfm |
| LC Unsprayed | to | Fan/Acc Rooms | 1,350 cfm |
| LC Unsprayed | to | Dead-Ended | 90 cfm |
| Dead-Ended | to | Fan/Acc Rooms | 90 cfm |
| LC Unsprayed | to | Ice Condenser | 13,090 cfm |
| Fan/Acc Rooms | to | LC Sprayed | 22,910 cfm |
| LC Sprayed | to | Ice Condenser | 22,910 cfm |
| Ice Condenser | to | UC Sprayed | 30,070 cfm |
| UC Sprayed | to | Fan/Acc Rooms | 30,070 cfm |

¹ Flow rates listed do not include the contribution from natural convection.



| Parameter | Value |
|---|----------------------------|
| Ice Condenser to UC Unsprayed | 5,930 cfm |
| UC Unsprayed to Fan/Acc Rooms | 5,930 cfm |
| Containment Ventilation Initiation | 300 sec (U1) 3 min (U2) |
| Elemental Iodine Removal Coefficients | |
| Upper Containment Sprayed | 10 hr ⁻¹ |
| Lower Containment Sprayed | 10 hr ⁻¹ |
| Fan/Accumulator Rooms | 10 hr ⁻¹ |
| Particulate Iodine Removal Coefficients | |
| Upper Containment Sprayed | |
| Decontamination Factor ≤ 50 | 5.17 hr ⁻¹ |
| Decontamination Factor > 50 | 0.517 hr ⁻¹ |
| Lower Containment Sprayed | |
| Decontamination Factor ≤ 50 | 6.83 hr ⁻¹ |
| Decontamination Factor > 50 | 0.683 hr ⁻¹ |
| Fan/Accumulator Rooms | |
| Decontamination Factor ≤ 50 | 3.15 hr ⁻¹ |
| Decontamination Factor > 50 | 0.315 hr ⁻¹ |
| Spray Initiation | 300 sec (U1) 3 min (U2) |
| Spray Interruption for Switchover to Recirculation Mode | 31 min - 38 min |



| Parameter | Value |
|--|--------------------------------|
| Maximum Elemental Iodine Decontamination Factor | 200 |
| Duration of Elemental Iodine Removal Effectiveness | 1.18 hr (U1) 0.9 hr (U2) |
| Duration of Particulate Iodine Removal Effectiveness | |
| Decontamination Factor of 50 Attained | 1.200 hr (U1) 1.214 hr (U2) |
| Credit for Spray Terminated | 24 hr |
| Containment Leak Rate | |
| 0 - 24 hr | 0.25 weight % per day |
| 24 - 720 hr | 0.125 weight % per day |
| Iodine Chemical Form in Containment Atmosphere | |
| Elemental | 91% |
| Organic | 4% |
| Particulate | 5% |
| Containment Sump Volume | 50,000 ft ³ |
| Minimum Containment Sump pH | 7.0 |
| Effective Unfiltered ESF Leakage Outside Containment | 0.2 gpm |
| ESF Leakage Iodine Flashing Fraction | 0.1 |
| Iodine Chemical Form in ESF Leakage | |
| Elemental | 97% |
| Organic | 3% |



| Parameter | Value |
|--|-----------------------------|
| Start of ESF Leakage Outside Containment | 31 min |
| Containment Purge Flow Rate | 23,100 cfm |
| Containment Purge Duration | 30 sec |
| Iodine Chemical Form for Containment Purge Release | |
| Elemental | 91% |
| Organic | 4% |
| Particulate | 5% |
| Release Locations | |
| Containment Leakage Release Path | Containment |
| ESF Leakage Release Path | Auxiliary Building |
| Containment Purge Release Path | Containment |
| Breathing Rates | |
| 0 - 8 hr | 3.5E-04 m ³ /sec |
| 8 - 24 hr | 1.8E-04 m ³ /sec |
| 24 - 720 hr | 2.3E-04 m ³ /sec |