

ATTACHMENT TO LICENSE AMENDMENT NO. 6

TO FACILITY COMBINED LICENSE NO. NPF-91

DOCKET NO. 52-025

Replace the following pages of the Facility Combined License No. NPF-91 and Appendix C to the Facility Combined License No. NPF-91 with the attached revised pages. The revised pages are identified by amendment number and contain marginal lines indicating the areas of change.

Facility Combined License No. NPF-91

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Appendix C to Facility Combined License No. NPF-91

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C-418

C-418

C-419

C-419

(7) Reporting Requirements

- (a) Within 30 days of a change to the initial test program described in FSAR Section 14, Initial Test Program, made in accordance with 10 CFR 50.59 or in accordance with 10 CFR Part 52, Appendix D, Section VIII, "Processes for Changes and Departures," SNC shall report the change to the Director of NRO, or the Director's designee, in accordance with 10 CFR 50.59(d).
- (b) SNC shall report any violation of a requirement in Section 2.D.(3), Section 2.D.(4), Section 2.D.(5), and Section 2.D.(6) of this license within 24 hours. Initial notification shall be made to the NRC Operations Center in accordance with 10 CFR 50.72, with written follow up in accordance with 10 CFR 50.73.

(8) Incorporation

The Technical Specifications, Environmental Protection Plan, and ITAAC in Appendices A, B, and C, respectively of this license, as revised through Amendment No. 6, are hereby incorporated into this license. |

(9) Technical Specifications

The technical specifications in Appendix A to this license become effective upon a Commission finding that the acceptance criteria in this license (ITAAC) are met in accordance with 10 CFR 52.103(g).

(10) Operational Program Implementation

SNC shall implement the programs or portions of programs identified below, on or before the date SNC achieves the following milestones:

- (a) Environmental Qualification Program implemented before initial fuel load;
- (b) Reactor Vessel Material Surveillance Program implemented before initial criticality;
- (c) Preservice Testing Program implemented before initial fuel load;
- (d) Containment Leakage Rate Testing Program implemented before initial fuel load;
- (e) Fire Protection Program
  - 1. The fire protection measures in accordance with Regulatory Guide (RG) 1.189 for designated storage building areas (including adjacent fire areas that could affect the storage area) implemented before initial receipt

| Table 3.3-1<br>Definition of Wall Thicknesses for Nuclear Island Buildings, Turbine Building, and Annex Building <sup>(1)</sup> |   |  |   |  |
|---|---|--|---|--|
| Wall or Section Description   | Column Lines <sup>(7)</sup>   | Floor Elevation or Elevation Range <sup>(7)(8)</sup> | Concrete Thickness <sup>(2)(3)(4)(5)(9)</sup> | Applicable Radiation Shielding Wall (Yes/No) |
| <b>Containment Building Internal Structure</b>  |   |  |   |  |
| Shield Wall between Reactor Vessel Cavity and RCDT Room   | E-W wall parallel with column line 7 (Inside face is 3'-0" north of column line 7. Width of wall section with stated thickness is defined by inside wall of reactor vessel cavity.) | From 71'-6" to 83'-0"                                | 3'-0"   | Yes  |
| West Reactor Vessel Cavity Wall   | N-S wall parallel with column line N (Width of wall section with stated thickness is defined by inside wall of reactor vessel cavity.)  | From 83'-0" to 98'-0"                                | 7'-6"   | Yes  |
| North Reactor Vessel Cavity Wall  | E-W wall parallel with column line 7 (Width of wall section with stated thickness is defined by inside wall of reactor vessel cavity.)  | From 83'-0" to 98'-0"                                | 9'-0"   | Yes  |
| East Reactor Vessel Cavity Wall   | N-S wall parallel with column line N (Width of wall section with stated thickness is defined by inside wall of reactor vessel cavity.)  | From 83'-0" to 98'-0"                                | 7'-6"   | Yes  |
| West Refueling Cavity Wall  | N-S wall parallel with column line N  | From 98'-0" to 135'-3"                               | 4'-0"   | Yes  |
| North Refueling Cavity Wall   | E-W wall parallel with column line 7  | From 98'-0" to 135'-3"                               | 4'-0"   | Yes  |
| East Refueling Cavity Wall  | N-S wall parallel with column line N  | From 98'-0" to 135'-3"                               | 4'-0"   | Yes  |
| South Refueling Cavity Wall   | E-W wall parallel with column line 7  | From 98'-0" to 135'-3"                               | 4'-0"   | Yes  |
| South wall of west steam generator compartment  | Not Applicable  | From 103'-0" to 153'-0"                              | 2'-6"   | Yes  |
| West wall of west steam generator compartment   | N-S wall parallel with column line N  | From 103'-0" to 153'-0"                              | 2'-6"   | Yes  |
| North wall of west steam generator compartment  | Not Applicable  | From 103'-0" to 153'-0"                              | 2'-6"   | Yes  |

1. The column lines and floor elevations are identified and included on Figures 3.3-1 through 3.3-13.
2. These wall (and floor) thicknesses have a construction tolerance of  $\pm 1$  inch, except for exterior walls below grade where the tolerance is +12 inches, - 1 inch. These tolerances are not applicable to the nuclear island basement.
3. For walls that are part of structural modules, the concrete thickness also includes the steel face plates.
4. For floors with steel surface plates, the concrete thickness also includes the plate thickness.
5. Where a wall (or a floor) has openings, the concrete thickness does not apply at the opening.
6. The elevation ranges for the shield building items are rounded to the nearest inch.
7. The Wall or Section Description, Column Line information, and Floor Elevation or Elevation Ranges are provided as reference points to define the general location. The concrete thickness of an item intersecting other walls, roofs or floors at a designated location (e.g., column line) is not intended to be measured to the stated column line, but only to the point where the intersection occurs.
8. Where applicable, the upper wall portions extend to their associated roofs, which may vary in elevation, e.g., sloped roofs.
9. From one wall/floor section to another, the concrete thickness transitions from one thickness to another, consistent with the configurations in Figures 3.3-1 through 3.3-14.

| Table 3.3-1 (cont.)<br>Definition of Wall Thicknesses for Nuclear Island Buildings, Turbine Building, and Annex Building <sup>(1)</sup> |                                      |  |   |  |
|---|--------------------------------------|--|---|--|
| Wall or Section Description   | Column Lines <sup>(7)</sup>          | Floor Elevation or Elevation Range <sup>(7)(8)</sup> | Concrete Thickness <sup>(2)(3)(4)(5)(9)</sup>   | Applicable Radiation Shielding Wall (Yes/No) |
| South wall of pressurizer compartment   | Not Applicable                       | From 103'-0" to 153'-6"                              | 2'-6"   | Yes  |
| West wall of pressurizer compartment  | N-S wall parallel with column line N | From 107'-2" to 160'-0"                              | 2'-6"   | Yes  |
| North wall of pressurizer compartment   | E-W wall parallel with column line 7 | From 107'-2" to 160'-0"                              | 2'-6"   | Yes  |
| East wall of pressurizer compartment  | N-S wall parallel with column line N | From 118'-6" to 160'-0"                              | 2'-6"   | Yes  |
| North-east wall of in-containment refueling water storage tank  | Parallel to column line N            | From 103'-0" to 135'-3"                              | 2'-6"   | No   |
| West wall of in-containment refueling water storage tank  | Not applicable                       | From 103'-0" to 135'-3"                              | 5/8" steel plate with stiffeners  | No   |
| South wall of east steam generator compartment  | Not Applicable                       | From 87'-6" to 153'-0"                               | 2'-6"   | Yes  |
| East wall of east steam generator compartment   | N-S wall parallel with column line N | From 94'-0" to 153'-0"                               | 2'-6"   | Yes  |
| North wall of east steam generator compartment  | Not Applicable                       | From 87'-6" to 153'-0" with a 158'-0" portion        | 2'-6"   | Yes  |
| <b>Shield Building<sup>(6)</sup></b>  |                                      |  |   |  |
| Shield Building Cylinder  | Not Applicable                       | From 100'-0" to 248'-6"                              | 3'-0" (including 3/4 inch thick min. steel plate liner on each face on portion not protected by auxiliary building) | Yes  |
| Air Inlet   | Not Applicable                       | From 248'-6" to 251'-6"                              | 3'-0" (including 3/4 inch thick min. steel plate liner on each face)  | Yes  |
|   |                                      | From 251'-6" to 254'-6"                              | 3'-0" to 4'-6" (including 1 inch thick steel plate liner on each face)  | Yes  |
|   |                                      | From 254'-6" to 266'-4"                              | 4'-6" (including 1 inch thick min. steel plate liner on each face)  | Yes  |
| Tension Ring  | Not Applicable                       | From 266'-4" to 271'-6" (at top of plate)            | 4'-6" (including 1-1/2 inch thick steel plate liner on each face)   | Yes  |

| Table 3.3-1 (cont.)<br>Definition of Wall Thicknesses for Nuclear Island Buildings, Turbine Building, and Annex Building <sup>(1)</sup> |  |  |   |  |
|---|--|--|---|--|
| Wall or Section Description   | Column Lines <sup>(7)</sup>                      | Floor Elevation or Elevation Range <sup>(7)(8)</sup> | Concrete Thickness <sup>(2)(3)(4)(5)(9)</sup>   | Applicable Radiation Shielding Wall (Yes/No) |
| Conical Roof  | Not Applicable                                   | From 271'-6" to 293'-9"                              | 3'-0" (including 1/2 inch thick min. steel plate liner on bottom face, outside of PCS tank exterior wall) | Yes  |
| PCS Tank External Cylindrical Wall  | Not Applicable                                   | From 293'-9" to 328'-9"                              | 2'-0"   | Yes  |
| PCS Tank Internal Cylindrical Wall  | Not Applicable                                   | From 309'-4" to 329'-0"                              | 1'-6"   | Yes  |
| PCS Tank Roof   | Not Applicable                                   | 328'-9" (Lowest) 329'-0" (Highest)                   | 1'-3"   | No   |
| Nuclear Island Basemat  | Below shield building                            | From 60'-6" to containment vessel or 82'-6"          | 6'-0" to 22'-0" (varies)  | No   |
| <b>Auxiliary Building Walls/Floors Radiologically Controlled</b>  |  |  |   |  |
| Column Line 1 wall  | From I to N                                      | From 66'-6" to 100'-0"                               | 3'-0"   | No   |
| Column Line 1 wall  | From I to 5'-6" east of L-2                      | From 100'-0" to 180'-0"                              | 2'-3"   | Yes  |
| Column Line 1 wall  | From 5'-6" east of L-2 to N                      | From 100'-0" to 125'-0"                              | 3'-0"   | Yes  |
| Column Line 1 wall  | From 5'-6" east of L-2 to N                      | From 125'-0" to 180'-0"                              | 2'-3"   | Yes  |
| Column Line 2 wall  | From I to K-2                                    | From 66'-6" to 135'-3"                               | 2'-6"   | Yes  |
| Column Line 2 wall  | From K-2 to L-2                                  | From 66'-6" to 135'-3"                               | 5'-0"   | Yes  |
| Column Line 2 wall  | From L-2 to N                                    | From 82'-6" to 135'-3"                               | 2'-6"   | Yes  |
| Column Line 2 wall  | From I to J-1                                    | From 135'-3" to 153'-0"                              | 2'-0"   | Yes  |
| Column Line 3 wall  | From J-1 to J-2                                  | From 66'-6" to 82'-6"                                | 2'-6"   | Yes  |
| Column Line 3 wall  | From J-1 to J-2                                  | From 100'-0" to 135'-3"                              | 2'-6"   | Yes  |
| Column Line 3 wall  | From J-2 to K-2                                  | From 66'-6" to 135'-3"                               | 2'-6"   | Yes  |
| Column Line 3 wall  | From K-2 to L-2                                  | From 66'-6" to 92'-8 1/2"                            | 2'-6"   | Yes  |
| Column Line 4 wall  | From I to J-1                                    | From 66'-6" to 135'-3"                               | 2'-6"   | Yes  |
| Column Line 4 wall  | From J-1 to J-2                                  | From 66'-6" to 92'-6"                                | 2'-6"   | Yes  |
| Column Line 4 wall  | From J-1 to J-2                                  | From 107'-2" to 135'-3"                              | 2'-6"   | Yes  |
| Column Line 4 wall  | From J-2 to K-2                                  | From 66'-6" to 135'-3"                               | 2'-6"   | Yes  |
| Column Line 4 wall  | From I to intersection with shield building wall | From 135'-3" to 180'-0"                              | 2'-0"   | Yes  |

| Table 3.3-1 (cont.)<br>Definition of Wall Thicknesses for Nuclear Island Buildings, Turbine Building, and Annex Building <sup>(1)</sup> |  |  |   |  |
|---|--|--|---|--|
| Wall or Section Description   | Column Lines <sup>(7)</sup>  | Floor Elevation or Elevation Range <sup>(7)(8)</sup> | Concrete Thickness <sup>(2)(3)(4)(5)(9)</sup> | Applicable Radiation Shielding Wall (Yes/No) |
| Column Line 5 wall  | From I to shield building; with opening east of J-1 (below 107'-2" floor). | From 66'-6" to 160'-6"                               | 2'-0"   | Yes  |
| Wall, 17'-3" north of Column Line 7   | From I to 8' east of J-1   | From 66'-6" to 82'-6"                                | 2'-0"   | Yes  |
| Wall, 10'-6" south of Column Line 7.3   | From I to 5'-6" east of J-1  | From 66'-6" to 82'-6"                                | 2'-0"   | Yes  |
| Wall, 10'-6" south of Column Line 7.3   | From I to just east of J   | From 82'-6" to 100'-0"                               | 2'-0"   | Yes  |
| Column Line I wall  | From 1 to 4  | From 66'-6" to 100'-0"                               | 3'-0"   | No   |
| Column Line I wall  | From 3 to 4  | From 100'-0" to 107'-2"                              | 3'-0"   | Yes  |
| Column Line I wall  | From 4 to 16'-0" south of 5  | From 66'-6" to 107'-2"                               | 3'-0"   | No   |
| Column Line I wall  | From 16'-0" south of 5 to 5  | From 66'-6" to 105'-0"                               | 3'-0"   | No   |
| Column Line I wall  | From 5 to 7.3  | From 66'-6" to 100'-0"                               | 3'-0"   | No   |
| Column Line I wall  | From 1 to 3  | From 100'-0" to roof                                 | 2'-0"   | Yes  |
| Column Line I wall  | From 3 to 4  | From 107'-2" to roof                                 | 2'-0"   | Yes  |
| Column Line I wall  | From 4 to 16'-0" south of 5  | From 107'-2" to roof                                 | 2'-0"   | No   |
| Column Line I wall  | From 16'-0" south of 5 to 5  | From 105'-0" to roof                                 | 2'-0"   | No   |
| Column Line J-1 wall  | From 1 to 2  | From 82'-6" to 100'-0"                               | 2'-0"   | Yes  |
| Column Line J-1 wall  | From 2 to 4  | From 66'-6" to 135'-3"                               | 2'-6"   | Yes  |
| Column Line J-1 wall  | From 2 to 4  | From 135'-3" to 153'-0"                              | 2'-0"   | Yes  |
| Column Line J-1 wall  | From 4 to shield building  | From 66'-6" to 107'-2"                               | 2'-0"   | Yes  |
| Column Line J-2 wall  | From 2 to 4  | From 66'-6" to 135'-3"                               | 2'-6"   | Yes  |
| Column Line J-2 wall  | From 4 to intersection with shield building wall                           | From 66'-6" to 135'-3"                               | 2'-0"   | Yes  |
| Column Line K-2 wall  | From 2 to 4  | From 66'-6" to 135'-3"                               | 4'-9"   | Yes  |
| Column Line L-2 wall  | From 2 to 4  | From 66'-6" to 135'-3"                               | 4'-0"   | Yes  |
| Column Line N wall  | From 1 to 2  | From 66'-6" to 100'-0"                               | 3'-0"   | No   |
| Column Line N wall  | From 1 to 12'-9" north of 1  | From 100'-0" to 125'-0"                              | 3'-9"   | Yes  |
| Column Line N wall  | From 1 to 12'-9" north of 1  | From 125'-0" to 135'-3"                              | 2'-0"   | Yes  |
| Column Line N wall  | From 12'-9" north of 1 to 2  | From 100'-0" to 118'-2 1/2"                          | 3'-0"   | Yes  |
| Column Line N wall  | From 12'-9" north of 1 to 2  | From 118'-2 1/2" to 135'-3"                          | 2'-0"   | Yes  |
| Column Line N wall  | From 2 to 4 (or to shield building)  | From 66'-6" to 98'-1"                                | 5'-6"   | No   |
| Column Line N wall  | From 2 to 4 (or to shield building)  | From 98'-1" to 135'-3"                               | 5'-6"   | Yes  |

| Table 3.3-1 (cont.)<br>Definition of Wall Thicknesses for Nuclear Island Buildings, Turbine Building, and Annex Building <sup>(1)</sup> |  |  |   |  |  |
|---|--|--|---|--|--|
| Wall or Section Description   | Column Lines <sup>(7)</sup>  | Floor Elevation or Elevation Range <sup>(7)(8)</sup> | Concrete Thickness <sup>(2)(3)(4)(5)(9)</sup> | Applicable Radiation Shielding Wall (Yes/No) |  |
| Column Line N wall  | From 1 to 4 (or to shield building)  | From 135'-3" to 180'-0"                              | 2'-0"   | Yes  |  |
| Labyrinth Wall between Col. Line 3 and 4 and J-1 to 7'-3" from J-2  | Not Applicable   | From 82'-6" to 92'-6"                                | 2'-6"   | Yes  |  |
| N-S Shield Wall (low wall)  | 5'-7" west of column line K-2 extending 16'-0" from column line 1 north                                  | From 100'-0" to 110'-0"                              | 2'-6"   | Yes  |  |
| N-S Shield Wall   | 2'-9" east of column line L-2 extending 12'-9" from column line 1 north                                  | From 100'-0" to 125'-0"                              | 2'-9"   | Yes  |  |
| E-W Shield Wall   | Between 1 and 2 extending 16'-3" from column line N east   | From 100'-0" to 125'-0"                              | 2'-9"   | Yes  |  |
| Auxiliary Area Basemat  | From 1-7.3 and I-N, excluding shield building  | From 60'-6" to 66'-6"                                | 6'-0"   | No   |  |
| Floor   | From 1 to 2 and I to N   | 82'-6"   | 2'-0"   | Yes  |  |
| Floor   | From 2 to 4 and J-1 to J-2   | 82'-6"   | 2'-0"   | Yes  |  |
| Floor   | From 4 north to the shield building ending 17'-4" south of column line 5 and J-1 to J-2                  | 82'-6"   | 0'-9"   | Yes  |  |
| Pipe Chase Floor  | From 2 north to the shield building ending 17'-4" south of column line 5 and J-1 to J-2                  | 92'-6"   | 2'-0"   | Yes  |  |
| Floor   | From 2 to 3 and J-2 to K-2   | 90'-3"   | 3'-0"   | Yes  |  |
| Floor   | From 3 to 4 and J-2 to K-2   | 92'-6"   | 2'-0"   | Yes  |  |
| Floor   | From 4 to 7.3 and I to J-1   | 82'-6"   | 2'-0"   | Yes  |  |
| Floor   | From 1 to 2 and I to N   | 100'-0"  | 3'-0"   | Yes  |  |
| Floor   | From 2 to 4 and K-2 to L-2   | 92'-8 1/2"   | 3'-2 1/2"                                     | Yes  |  |
| Floor   | From 1 to J-2 and 4 to shield building and vertical wall 17'-0" south of column line 5                   | 107'-2"  | 2'-0"   | Yes  |  |
| Floor   | From 1 to shield building wall and from intersecting vertical wall before column line 5 to column line 5 | 105'-0"  | 0'-9"   | Yes  |  |
| Floor   | From column line 1 to 10'-0" north of column line 1 and from 2'-9" east of column line L-2 to N          | 125'-0"  | 3'-0"   | Yes  |  |

| Table 3.3-1 (cont.)<br>Definition of Wall Thicknesses for Nuclear Island Buildings, Turbine Building, and Annex Building <sup>(1)</sup> |  |  |   |  |  |
|---|--|--|---|--|--|
| Wall or Section Description   | Column Lines <sup>(7)</sup>  | Floor Elevation or Elevation Range <sup>(7)(8)</sup> | Concrete Thickness <sup>(2)(3)(4)(5)(9)</sup> | Applicable Radiation Shielding Wall (Yes/No) |  |
| Floor   | From 12'-9" north of column line 1 to 2 and from 2'-9" east of column line L-2 to N                      | 118'-2 1/2"  | 2'-0"   | Yes  |  |
| Floor   | From 3 to 4 and J-2 to K-2   | 117'-6"  | 2'-0"   | Yes  |  |
| Floor   | From 2 to 4 and I to J-1   | 153'-0"  | 0'-9"   | Yes  |  |
| Roof  | From 1 to 4 and I to N   | 180'-0" to 180'-9"                                   | 1'-3"   | Yes  |  |
| Floor   | From 4 to 16'-0" south of column line 5 and from I to intersection with shield building wall             | 135'-3"  | 0'-9"   | Yes  |  |
| Floor   | From 16'-0" south of column line 5 to column line 5 and from I to intersection with shield building wall | 133'-0"  | 0'-9"   | Yes  |  |
| <b>Auxiliary Building Walls/Floors Non-Radiologically Controlled</b>  |  |  |   |  |  |
| Column Line 11 wall   | From I to Q  | From 66'-6" to 100'-0"                               | 3'-0"   | No   |  |
| Column Line 11 wall   | From I to Q  | From 100'-0" to 117'-6"                              | 2'-0"   | Yes  |  |
| Column Line 11 wall   | From I to L  | From 117'-6" to roof                                 | 2'-0"   | Yes  |  |
| Column Line 11 wall   | From L to M  | From 117'-6" to 135'-3"                              | 4'-0"   | Yes  |  |
| Column Line 11 wall   | From M to P  | From 117'-6" to 135'-3"                              | 2'-0"   | Yes  |  |
| Column Line 11 wall   | From P to Q  | From 117'-6" to 135'-3"                              | 4'-0"   | Yes  |  |
| Column Line 11 wall   | From L to Q  | From 135'-3" to roof                                 | 2'-0"   | Yes  |  |
| Column Line 7.3 wall  | From I to shield building  | From 66'-6" to 100'-0"                               | 3'-0"   | Yes  |  |
| Column Line 7.3 wall  | From I to shield building  | From 100'-0" to roof                                 | 2'-0"   | No   |  |
| Column Line I wall  | From 7.3 to 11   | From 66'-6" to 100'-0"                               | 3'-0"   | No   |  |
| Column Line I wall  | From 5 to 11   | From 100'-0" to roof                                 | 2'-0"   | No   |  |
| Column Line J wall  | From 7.3 to 11   | From 66'-6" to 117'-6"                               | 2'-0"   | No   |  |
| Column Line K wall  | From shield building wall to 11  | From 66'-6" to 135'-3"                               | 2'-0"   | Yes  |  |
| Column Line L wall  | From shield building wall to 11  | From 66'-6" to roof                                  | 2'-0"   | Yes  |  |
| Column Line M wall  | From shield building wall to 11  | From 66'-6" to roof                                  | 2'-0"   | Yes  |  |
| Column Line P wall  | From shield building wall to 11  | From 66'-6" to roof                                  | 2'-0"   | Yes  |  |
| Column Line Q wall  | From shield building wall to 11  | From 66'-6" to 100'-0"                               | 3'-0"   | No   |  |
| Column Line Q wall  | From shield building wall to 11  | From 100'-0" to roof                                 | 2'-0"   | Yes  |  |
| Column Line 9.2 wall  | From I to J and K to L   | From 117'-6" to 135'-3"                              | 2'-0"   | Yes  |  |



| Table 3.3-1 (cont.)<br>Definition of Wall Thicknesses for Nuclear Island Buildings, Turbine Building, and Annex Building <sup>(1)</sup> |  |  |   |  |
|---|--|--|---|--|
| Wall or Section Description   | Column Lines <sup>(7)</sup>  | Floor Elevation or Elevation Range <sup>(7)(8)</sup> | Concrete Thickness <sup>(2)(3)(4)(5)(9)</sup> | Applicable Radiation Shielding Wall (Yes/No) |
| Labyrinth Wall between Column Line 7.3 and 9.2 and J to K   | J to K   | From 117'-6" to 135'-3"                              | 2'-0"   | Yes  |
| Auxiliary Area Basemat  | From 7.3-11 and I-Q, excluding shield building                     | From 60'-6" to 66'-6"                                | 6'-0"   | No   |
| Floor   | From 5 to 10'-6" south of 7.3 and I to shield building wall        | 100'-0"  | 2'-0"   | Yes  |
| Floor   | From 10'-6" south of 7.3 to 7.3 and I to shield building wall      | 100'-0"  | 3'-0"   | Yes  |
| Floor   | From K to L and shield building wall to column line 10             | 100'-0"  | 0'-9"   | Yes  |
| Main Control Room Floor   | From 9.2 to 11 and I to L  | 117'-6"  | 2'-0"   | Yes  |
| Floor   | Bounded by shield bldg, 7.3, J, 9.2 and L                          | 117'-6"  | 2'-0"   | Yes  |
| Floor   | From shield building to 11 and L to Q                              | 117'-6"  | 2'-0"   | Yes  |
| Floor   | From 5 to 7.3 and from I to intersection with shield building wall | 135'-3"  | 0'-9"   | Yes  |
| <b>Annex Building</b>   |  |  |   |  |
| Column line 2 wall  | From E to H  | From 107'-2" to 135'-3"                              | 19 3/4"                                       | Yes  |
| Column line 4 wall  | From E to H  | From 107'-2" to 162'-6" & 166'-0"                    | 2'-0"   | Yes  |
| N-S Shield Wall between E and F   | From 2 to 4  | From 107'-2" to 135'-3"                              | 1'-0"   | Yes  |
| Column line 4.1 wall  | From E to H  | From 107'-2" to 135'-3"                              | 2'-0"   | Yes  |
| N-S Labyrinth Wall between column line 7.8 and 9 and G to H   | Not Applicable   | From 100'-0" to 112'-0"                              | 2'-0"   | Yes  |
| E-W Labyrinth Wall between column line 7.1 and 7.8 and G to H   | Not Applicable   | From 100'-0" to 112'-0"                              | 2'-0"   | Yes  |
| N-S Shield Wall on Column line. F   | From 4.1 North   | From 100'-0" to 117'-6"                              | 1'-0"   | Yes  |
| Column Line 9 wall  | From E to connecting wall between G and H                          | From 107'-2" to 117'-6"                              | 2'-0"   | Yes  |
| Column Line E wall  | From 9 to 13   | From 100'-0" to 135'-3"                              | 2'-0"   | Yes  |
| Column Line 13 wall   | From E to I.1  | From 100'-0" to 135'-3"                              | 2'-0"   | Yes  |
| Column Line I.1 wall  | From 11.09 to 13   | From 100'-0" to 135'-3"                              | 2'-0"   | Yes  |
| Corridor Wall between G and H   | From 9 to 13   | From 100'-0" to 135'-3"                              | 1'-6"   | Yes  |

| Table 3.3-1 (cont.)<br>Definition of Wall Thicknesses for Nuclear Island Buildings, Turbine Building, and Annex Building <sup>(1)</sup> |  |  |   |  |
|---|--|--|---|--|
| Wall or Section Description   | Column Lines <sup>(7)</sup>                              | Floor Elevation or Elevation Range <sup>(7)(8)</sup> | Concrete Thickness <sup>(2)(3)(4)(5)(9)</sup> | Applicable Radiation Shielding Wall (Yes/No) |
| Column Line 9 wall  | From E to H  | From 117'-6" to 158'-0"                              | 2'-0"   | Yes  |
| Floor   | 2 to 4 from shield wall between E and F to column line H | 135'-3"  | 0'-6"   | Yes  |
| Floor   | From 4 to 4.1 and E to H                                 | 135'-3"  | 1'-0"   | Yes  |
| Floor   | From 9 to 13 and E to I.1                                | 117'-6"  | 0'-6"   | Yes  |
| Floor   | From 9 to 13 and E to I.1                                | 135'-3"  | 0'-8"   | Yes  |
| Containment Filtration Rm A (North Wall)  | Between column line E to H                               | From 135'-3" to 158'-0"                              | 1'-0"   | Yes  |
| Containment Filtration Rm A (East wall)   | Between column line E to F                               | From 135'-3" to 158'-0"                              | 1'-0"   | Yes  |
| Containment Filtration Rm A (West wall)   | Between column line G to H                               | From 135'-3" to 158'-0"                              | 1'-0"   | Yes  |
| Containment Filtration Rm A (Floor)   | Between column line E to H                               | 135'-3"  | 1'-0"   | Yes  |
| Containment Filtration Rm B (Floor)   | Between column line E to H                               | 146'-3"  | 0'-6"   | Yes  |
| Containment Filtration Rm B (West wall)   | Between column line G to H                               | From 146'-3" to 158'-0"                              | 1'-0"   | Yes  |
| <b>Turbine Building</b>   |  |  |   |  |
| Wall adjacent to Column Line I.2  | From Col. Line 11.05 to 11.2                             | From 100'-0" to 161'-0"                              | 2'-0"   | No   |
| Wall along Column Line 11.2   | From near I.2 to near Col. Line R                        | From 100'-0" to 161'-0"                              | 2'-0"   | No   |
| Wall adjacent to Column Line R  | From Col. Line 11.2 to Col. Line 11.05                   | From 100'-0" to 161'-0"                              | 2'-0"   | No   |
| Wall along Column Line 11.05  | From near Col. Line R to near Col. Line Q                | From 100'-0" to 161'-0"                              | 2'-0"   | No   |
|   | From Col. Line K.4 to near Col. Line I.2                 | From 100'-0" to 161'-0"                              | 2'-0"   | No   |

ATTACHMENT TO LICENSE AMENDMENT NO. 6

TO FACILITY COMBINED LICENSE NO. NPF-92

DOCKET NO. 52-026

Replace the following pages of the Facility Combined License No. NPF-92 and Appendix C to the Facility Combined License No. NPF-92 with the attached revised pages. The revised pages are identified by amendment number and contain marginal lines indicating the areas of change.

Facility Combined License No. NPF-92

REMOVE

INSERT

7

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Appendix C to Facility Combined License No. NPF-92

REMOVE

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C-412

C-412

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C-419

(7) Reporting Requirements

- (c) Within 30 days of a change to the initial test program described in FSAR Section 14, Initial Test Program, made in accordance with 10 CFR 50.59 or in accordance with 10 CFR Part 52, Appendix D, Section VIII, "Processes for Changes and Departures," SNC shall report the change to the Director of NRO, or the Director's designee, in accordance with 10 CFR 50.59(d).
- (d) SNC shall report any violation of a requirement in Section 2.D.(3), Section 2.D.(4), Section 2.D.(5), and Section 2.D.(6) of this license within 24 hours. Initial notification shall be made to the NRC Operations Center in accordance with 10 CFR 50.72, with written follow up in accordance with 10 CFR 50.73.

(8) Incorporation

The Technical Specifications, Environmental Protection Plan, and ITAAC in Appendices A, B, and C, respectively of this license, as revised through Amendment No. 6, are hereby incorporated into this license. |

(9) Technical Specifications

The technical specifications in Appendix A to this license become effective upon a Commission finding that the acceptance criteria in this license (ITAAC) are met in accordance with 10 CFR 52.103(g).

(10) Operational Program Implementation

SNC shall implement the programs or portions of programs identified below, on or before the date SNC achieves the following milestones:

- (a) Environmental Qualification Program implemented before initial fuel load;
- (b) Reactor Vessel Material Surveillance Program implemented before initial criticality;
- (c) Preservice Testing Program implemented before initial fuel load;
- (d) Containment Leakage Rate Testing Program implemented before initial fuel load;
- (e) Fire Protection Program
  - 1. The fire protection measures in accordance with Regulatory Guide (RG) 1.189 for designated storage building areas (including adjacent fire areas that could affect the storage area) implemented before initial receipt

| Table 3.3-1<br>Definition of Wall Thicknesses for Nuclear Island Buildings, Turbine Building, and Annex Building <sup>(1)</sup> |   |  |   |  |
|---|---|--|---|--|
| Wall or Section Description   | Column Lines <sup>(7)</sup>   | Floor Elevation or Elevation Range <sup>(7)(8)</sup> | Concrete Thickness <sup>(2)(3)(4)(5)(9)</sup> | Applicable Radiation Shielding Wall (Yes/No) |
| <b>Containment Building Internal Structure</b>  |   |  |   |  |
| Shield Wall between Reactor Vessel Cavity and RCDT Room   | E-W wall parallel with column line 7 (Inside face is 3'-0" north of column line 7. Width of wall section with stated thickness is defined by inside wall of reactor vessel cavity.) | From 71'-6" to 83'-0"                                | 3'-0"   | Yes  |
| West Reactor Vessel Cavity Wall   | N-S wall parallel with column line N (Width of wall section with stated thickness is defined by inside wall of reactor vessel cavity.)  | From 83'-0" to 98'-0"                                | 7'-6"   | Yes  |
| North Reactor Vessel Cavity Wall  | E-W wall parallel with column line 7 (Width of wall section with stated thickness is defined by inside wall of reactor vessel cavity.)  | From 83'-0" to 98'-0"                                | 9'-0"   | Yes  |
| East Reactor Vessel Cavity Wall   | N-S wall parallel with column line N (Width of wall section with stated thickness is defined by inside wall of reactor vessel cavity.)  | From 83'-0" to 98'-0"                                | 7'-6"   | Yes  |
| West Refueling Cavity Wall  | N-S wall parallel with column line N  | From 98'-0" to 135'-3"                               | 4'-0"   | Yes  |
| North Refueling Cavity Wall   | E-W wall parallel with column line 7  | From 98'-0" to 135'-3"                               | 4'-0"   | Yes  |
| East Refueling Cavity Wall  | N-S wall parallel with column line N  | From 98'-0" to 135'-3"                               | 4'-0"   | Yes  |
| South Refueling Cavity Wall   | E-W wall parallel with column line 7  | From 98'-0" to 135'-3"                               | 4'-0"   | Yes  |
| South wall of west steam generator compartment  | Not Applicable  | From 103'-0" to 153'-0"                              | 2'-6"   | Yes  |
| West wall of west steam generator compartment   | N-S wall parallel with column line N  | From 103'-0" to 153'-0"                              | 2'-6"   | Yes  |
| North wall of west steam generator compartment  | Not Applicable  | From 103'-0" to 153'-0"                              | 2'-6"   | Yes  |

1. The column lines and floor elevations are identified and included on Figures 3.3-1 through 3.3-13.
2. These wall (and floor) thicknesses have a construction tolerance of  $\pm 1$  inch, except for exterior walls below grade where the tolerance is +12 inches, - 1 inch. These tolerances are not applicable to the nuclear island basement.
3. For walls that are part of structural modules, the concrete thickness also includes the steel face plates.
4. For floors with steel surface plates, the concrete thickness also includes the plate thickness.
5. Where a wall (or a floor) has openings, the concrete thickness does not apply at the opening.
6. The elevation ranges for the shield building items are rounded to the nearest inch.
7. The Wall or Section Description, Column Line information, and Floor Elevation or Elevation Ranges are provided as reference points to define the general location. The concrete thickness of an item intersecting other walls, roofs or floors at a designated location (e.g., column line) is not intended to be measured to the stated column line, but only to the point where the intersection occurs.
8. Where applicable, the upper wall portions extend to their associated roofs, which may vary in elevation, e.g., sloped roofs.
9. From one wall/floor section to another, the concrete thickness transitions from one thickness to another, consistent with the configurations in Figures 3.3-1 through 3.3-14.

| Table 3.3-1 (cont.)<br>Definition of Wall Thicknesses for Nuclear Island Buildings, Turbine Building, and Annex Building <sup>(1)</sup> |                                      |  |   |  |
|---|--------------------------------------|--|---|--|
| Wall or Section Description   | Column Lines <sup>(7)</sup>          | Floor Elevation or Elevation Range <sup>(7)(8)</sup> | Concrete Thickness <sup>(2)(3)(4)(5)(9)</sup>   | Applicable Radiation Shielding Wall (Yes/No) |
| South wall of pressurizer compartment   | Not Applicable                       | From 103'-0" to 153'-6"                              | 2'-6"   | Yes  |
| West wall of pressurizer compartment  | N-S wall parallel with column line N | From 107'-2" to 160'-0"                              | 2'-6"   | Yes  |
| North wall of pressurizer compartment   | E-W wall parallel with column line 7 | From 107'-2" to 160'-0"                              | 2'-6"   | Yes  |
| East wall of pressurizer compartment  | N-S wall parallel with column line N | From 118'-6" to 160'-0"                              | 2'-6"   | Yes  |
| North-east wall of in-containment refueling water storage tank  | Parallel to column line N            | From 103'-0" to 135'-3"                              | 2'-6"   | No   |
| West wall of in-containment refueling water storage tank  | Not applicable                       | From 103'-0" to 135'-3"                              | 5/8" steel plate with stiffeners  | No   |
| South wall of east steam generator compartment  | Not Applicable                       | From 87'-6" to 153'-0"                               | 2'-6"   | Yes  |
| East wall of east steam generator compartment   | N-S wall parallel with column line N | From 94'-0" to 153'-0"                               | 2'-6"   | Yes  |
| North wall of east steam generator compartment  | Not Applicable                       | From 87'-6" to 153'-0" with a 158'-0" portion        | 2'-6"   | Yes  |
| <b>Shield Building<sup>(6)</sup></b>  |                                      |  |   |  |
| Shield Building Cylinder  | Not Applicable                       | From 100'-0" to 248'-6"                              | 3'-0" (including 3/4 inch thick min. steel plate liner on each face on portion not protected by auxiliary building) | Yes  |
| Air Inlet   | Not Applicable                       | From 248'-6" to 251'-6"                              | 3'-0" (including 3/4 inch thick min. steel plate liner on each face)  | Yes  |
|   |                                      | From 251'-6" to 254'-6"                              | 3'-0" to 4'-6" (including 1 inch thick steel plate liner on each face)  | Yes  |
|   |                                      | From 254'-6" to 266'-4"                              | 4'-6" (including 1 inch thick min. steel plate liner on each face)  | Yes  |
| Tension Ring  | Not Applicable                       | From 266'-4" to 271'-6" (at top of plate)            | 4'-6" (including 1-1/2 inch thick steel plate liner on each face)   | Yes  |

| Table 3.3-1 (cont.)<br>Definition of Wall Thicknesses for Nuclear Island Buildings, Turbine Building, and Annex Building <sup>(1)</sup> |  |  |   |  |  |
|---|--|--|---|--|--|
| Wall or Section Description   | Column Lines <sup>(7)</sup>                      | Floor Elevation or Elevation Range <sup>(7)(8)</sup> | Concrete Thickness <sup>(2)(3)(4)(5)(9)</sup>   | Applicable Radiation Shielding Wall (Yes/No) |  |
| Conical Roof  | Not Applicable                                   | From 271'-6" to 293'-9"                              | 3'-0" (including 1/2 inch thick min. steel plate liner on bottom face, outside of PCS tank exterior wall) | Yes  |  |
| PCS Tank External Cylindrical Wall  | Not Applicable                                   | From 293'-9" to 328'-9"                              | 2'-0"   | Yes  |  |
| PCS Tank Internal Cylindrical Wall  | Not Applicable                                   | From 309'-4" to 329'-0"                              | 1'-6"   | Yes  |  |
| PCS Tank Roof   | Not Applicable                                   | 328'-9" (Lowest) 329'-0" (Highest)                   | 1'-3"   | No   |  |
| Nuclear Island Basemat  | Below shield building                            | From 60'-6" to containment vessel or 82'-6"          | 6'-0" to 22'-0" (varies)  | No   |  |
| <b>Auxiliary Building Walls/Floors Radiologically Controlled</b>  |  |  |   |  |  |
| Column Line 1 wall  | From I to N                                      | From 66'-6" to 100'-0"                               | 3'-0"   | No   |  |
| Column Line 1 wall  | From I to 5'-6" east of L-2                      | From 100'-0" to 180'-0"                              | 2'-3"   | Yes  |  |
| Column Line 1 wall  | From 5'-6" east of L-2 to N                      | From 100'-0" to 125'-0"                              | 3'-0"   | Yes  |  |
| Column Line 1 wall  | From 5'-6" east of L-2 to N                      | From 125'-0" to 180'-0"                              | 2'-3"   | Yes  |  |
| Column Line 2 wall  | From I to K-2                                    | From 66'-6" to 135'-3"                               | 2'-6"   | Yes  |  |
| Column Line 2 wall  | From K-2 to L-2                                  | From 66'-6" to 135'-3"                               | 5'-0"   | Yes  |  |
| Column Line 2 wall  | From L-2 to N                                    | From 82'-6" to 135'-3"                               | 2'-6"   | Yes  |  |
| Column Line 2 wall  | From I to J-1                                    | From 135'-3" to 153'-0"                              | 2'-0"   | Yes  |  |
| Column Line 3 wall  | From J-1 to J-2                                  | From 66'-6" to 82'-6"                                | 2'-6"   | Yes  |  |
| Column Line 3 wall  | From J-1 to J-2                                  | From 100'-0" to 135'-3"                              | 2'-6"   | Yes  |  |
| Column Line 3 wall  | From J-2 to K-2                                  | From 66'-6" to 135'-3"                               | 2'-6"   | Yes  |  |
| Column Line 3 wall  | From K-2 to L-2                                  | From 66'-6" to 92'-8 1/2"                            | 2'-6"   | Yes  |  |
| Column Line 4 wall  | From I to J-1                                    | From 66'-6" to 135'-3"                               | 2'-6"   | Yes  |  |
| Column Line 4 wall  | From J-1 to J-2                                  | From 66'-6" to 92'-6"                                | 2'-6"   | Yes  |  |
| Column Line 4 wall  | From J-1 to J-2                                  | From 107'-2" to 135'-3"                              | 2'-6"   | Yes  |  |
| Column Line 4 wall  | From J-2 to K-2                                  | From 66'-6" to 135'-3"                               | 2'-6"   | Yes  |  |
| Column Line 4 wall  | From I to intersection with shield building wall | From 135'-3" to 180'-0"                              | 2'-0"   | Yes  |  |

| Table 3.3-1 (cont.)<br>Definition of Wall Thicknesses for Nuclear Island Buildings, Turbine Building, and Annex Building <sup>(1)</sup> |  |  |   |  |
|---|--|--|---|--|
| Wall or Section Description   | Column Lines <sup>(7)</sup>  | Floor Elevation or Elevation Range <sup>(7)(8)</sup> | Concrete Thickness <sup>(2)(3)(4)(5)(9)</sup> | Applicable Radiation Shielding Wall (Yes/No) |
| Column Line 5 wall  | From I to shield building; with opening east of J-1 (below 107'-2" floor). | From 66'-6" to 160'-6"                               | 2'-0"   | Yes  |
| Wall, 17'-3" north of Column Line 7   | From I to 8' east of J-1   | From 66'-6" to 82'-6"                                | 2'-0"   | Yes  |
| Wall, 10'-6" south of Column Line 7.3   | From I to 5'-6" east of J-1  | From 66'-6" to 82'-6"                                | 2'-0"   | Yes  |
| Wall, 10'-6" south of Column Line 7.3   | From I to just east of J   | From 82'-6" to 100'-0"                               | 2'-0"   | Yes  |
| Column Line I wall  | From 1 to 4  | From 66'-6" to 100'-0"                               | 3'-0"   | No   |
| Column Line I wall  | From 3 to 4  | From 100'-0" to 107'-2"                              | 3'-0"   | Yes  |
| Column Line I wall  | From 4 to 16'-0" south of 5  | From 66'-6" to 107'-2"                               | 3'-0"   | No   |
| Column Line I wall  | From 16'-0" south of 5 to 5  | From 66'-6" to 105'-0"                               | 3'-0"   | No   |
| Column Line I wall  | From 5 to 7.3  | From 66'-6" to 100'-0"                               | 3'-0"   | No   |
| Column Line I wall  | From 1 to 3  | From 100'-0" to roof                                 | 2'-0"   | Yes  |
| Column Line I wall  | From 3 to 4  | From 107'-2" to roof                                 | 2'-0"   | Yes  |
| Column Line I wall  | From 4 to 16'-0" south of 5  | From 107'-2" to roof                                 | 2'-0"   | No   |
| Column Line I wall  | From 16'-0" south of 5 to 5  | From 105'-0" to roof                                 | 2'-0"   | No   |
| Column Line J-1 wall  | From 1 to 2  | From 82'-6" to 100'-0"                               | 2'-0"   | Yes  |
| Column Line J-1 wall  | From 2 to 4  | From 66'-6" to 135'-3"                               | 2'-6"   | Yes  |
| Column Line J-1 wall  | From 2 to 4  | From 135'-3" to 153'-0"                              | 2'-0"   | Yes  |
| Column Line J-1 wall  | From 4 to shield building  | From 66'-6" to 107'-2"                               | 2'-0"   | Yes  |
| Column Line J-2 wall  | From 2 to 4  | From 66'-6" to 135'-3"                               | 2'-6"   | Yes  |
| Column Line J-2 wall  | From 4 to intersection with shield building wall                           | From 66'-6" to 135'-3"                               | 2'-0"   | Yes  |
| Column Line K-2 wall  | From 2 to 4  | From 66'-6" to 135'-3"                               | 4'-9"   | Yes  |
| Column Line L-2 wall  | From 2 to 4  | From 66'-6" to 135'-3"                               | 4'-0"   | Yes  |
| Column Line N wall  | From 1 to 2  | From 66'-6" to 100'-0"                               | 3'-0"   | No   |
| Column Line N wall  | From 1 to 12'-9" north of 1  | From 100'-0" to 125'-0"                              | 3'-9"   | Yes  |
| Column Line N wall  | From 1 to 12'-9" north of 1  | From 125'-0" to 135'-3"                              | 2'-0"   | Yes  |
| Column Line N wall  | From 12'-9" north of 1 to 2  | From 100'-0" to 118'-2 1/2"                          | 3'-0"   | Yes  |
| Column Line N wall  | From 12'-9" north of 1 to 2  | From 118'-2 1/2" to 135'-3"                          | 2'-0"   | Yes  |
| Column Line N wall  | From 2 to 4 (or to shield building)  | From 66'-6" to 98'-1"                                | 5'-6"   | No   |
| Column Line N wall  | From 2 to 4 (or to shield building)  | From 98'-1" to 135'-3"                               | 5'-6"   | Yes  |



| Table 3.3-1 (cont.)<br>Definition of Wall Thicknesses for Nuclear Island Buildings, Turbine Building, and Annex Building <sup>(1)</sup> |  |  |   |  |  |
|---|--|--|---|--|--|
| Wall or Section Description   | Column Lines <sup>(7)</sup>  | Floor Elevation or Elevation Range <sup>(7)(8)</sup> | Concrete Thickness <sup>(2)(3)(4)(5)(9)</sup> | Applicable Radiation Shielding Wall (Yes/No) |  |
| Column Line N wall  | From 1 to 4 (or to shield building)  | From 135'-3" to 180'-0"                              | 2'-0"   | Yes  |  |
| Labyrinth Wall between Col. Line 3 and 4 and J-1 to 7'-3" from J-2  | Not Applicable   | From 82'-6" to 92'-6"                                | 2'-6"   | Yes  |  |
| N-S Shield Wall (low wall)  | 5'-7" west of column line K-2 extending 16'-0" from column line 1 north                                  | From 100'-0" to 110'-0"                              | 2'-6"   | Yes  |  |
| N-S Shield Wall   | 2'-9" east of column line L-2 extending 12'-9" from column line 1 north                                  | From 100'-0" to 125'-0"                              | 2'-9"   | Yes  |  |
| E-W Shield Wall   | Between 1 and 2 extending 16'-3" from column line N east   | From 100'-0" to 125'-0"                              | 2'-9"   | Yes  |  |
| Auxiliary Area Basemat  | From 1-7.3 and I-N, excluding shield building  | From 60'-6" to 66'-6"                                | 6'-0"   | No   |  |
| Floor   | From 1 to 2 and I to N   | 82'-6"   | 2'-0"   | Yes  |  |
| Floor   | From 2 to 4 and J-1 to J-2   | 82'-6"   | 2'-0"   | Yes  |  |
| Floor   | From 4 north to the shield building ending 17'-4" south of column line 5 and J-1 to J-2                  | 82'-6"   | 0'-9"   | Yes  |  |
| Pipe Chase Floor  | From 2 north to the shield building ending 17'-4" south of column line 5 and J-1 to J-2                  | 92'-6"   | 2'-0"   | Yes  |  |
| Floor   | From 2 to 3 and J-2 to K-2   | 90'-3"   | 3'-0"   | Yes  |  |
| Floor   | From 3 to 4 and J-2 to K-2   | 92'-6"   | 2'-0"   | Yes  |  |
| Floor   | From 4 to 7.3 and I to J-1   | 82'-6"   | 2'-0"   | Yes  |  |
| Floor   | From 1 to 2 and I to N   | 100'-0"  | 3'-0"   | Yes  |  |
| Floor   | From 2 to 4 and K-2 to L-2   | 92'-8 1/2"   | 3'-2 1/2"                                     | Yes  |  |
| Floor   | From 1 to J-2 and 4 to shield building and vertical wall 17'-0" south of column line 5                   | 107'-2"  | 2'-0"   | Yes  |  |
| Floor   | From 1 to shield building wall and from intersecting vertical wall before column line 5 to column line 5 | 105'-0"  | 0'-9"   | Yes  |  |
| Floor   | From column line 1 to 10'-0" north of column line 1 and from 2'-9" east of column line L-2 to N          | 125'-0"  | 3'-0"   | Yes  |  |

**Table 3.3-1 (cont.)**  
**Definition of Wall Thicknesses for Nuclear Island Buildings, Turbine Building, and Annex Building<sup>(1)</sup>**

| Wall or Section Description  | Column Lines <sup>(7)</sup>  | Floor Elevation or Elevation Range <sup>(7)(8)</sup> | Concrete Thickness <sup>(2)(3)(4)(5)(9)</sup> | Applicable Radiation Shielding Wall (Yes/No) |
|--|--|--|---|--|
| Floor  | From 12'-9" north of column line 1 to 2 and from 2'-9" east of column line L-2 to N                      | 118'-2 1/2"  | 2'-0"   | Yes  |
| Floor  | From 3 to 4 and J-2 to K-2   | 117'-6"  | 2'-0"   | Yes  |
| Floor  | From 2 to 4 and I to J-1   | 153'-0"  | 0'-9"   | Yes  |
| Roof   | From 1 to 4 and I to N   | 180'-0" to 180'-9"                                   | 1'-3"   | Yes  |
| Floor  | From 4 to 16'-0" south of column line 5 and from I to intersection with shield building wall             | 135'-3"  | 0'-9"   | Yes  |
| Floor  | From 16'-0" south of column line 5 to column line 5 and from I to intersection with shield building wall | 133'-0"  | 0'-9"   | Yes  |
| <b>Auxiliary Building Walls/Floors Non-Radiologically Controlled</b> |  |  |   |  |
| Column Line 11 wall  | From I to Q  | From 66'-6" to 100'-0"                               | 3'-0"   | No   |
| Column Line 11 wall  | From I to Q  | From 100'-0" to 117'-6"                              | 2'-0"   | Yes  |
| Column Line 11 wall  | From I to L  | From 117'-6" to roof                                 | 2'-0"   | Yes  |
| Column Line 11 wall  | From L to M  | From 117'-6" to 135'-3"                              | 4'-0"   | Yes  |
| Column Line 11 wall  | From M to P  | From 117'-6" to 135'-3"                              | 2'-0"   | Yes  |
| Column Line 11 wall  | From P to Q  | From 117'-6" to 135'-3"                              | 4'-0"   | Yes  |
| Column Line 11 wall  | From L to Q  | From 135'-3" to roof                                 | 2'-0"   | Yes  |
| Column Line 7.3 wall   | From I to shield building  | From 66'-6" to 100'-0"                               | 3'-0"   | Yes  |
| Column Line 7.3 wall   | From I to shield building  | From 100'-0" to roof                                 | 2'-0"   | No   |
| Column Line I wall   | From 7.3 to 11   | From 66'-6" to 100'-0"                               | 3'-0"   | No   |
| Column Line I wall   | From 5 to 11   | From 100'-0" to roof                                 | 2'-0"   | No   |
| Column Line J wall   | From 7.3 to 11   | From 66'-6" to 117'-6"                               | 2'-0"   | No   |
| Column Line K wall   | From shield building wall to 11  | From 66'-6" to 135'-3"                               | 2'-0"   | Yes  |
| Column Line L wall   | From shield building wall to 11  | From 66'-6" to roof                                  | 2'-0"   | Yes  |
| Column Line M wall   | From shield building wall to 11  | From 66'-6" to roof                                  | 2'-0"   | Yes  |
| Column Line P wall   | From shield building wall to 11  | From 66'-6" to roof                                  | 2'-0"   | Yes  |
| Column Line Q wall   | From shield building wall to 11  | From 66'-6" to 100'-0"                               | 3'-0"   | No   |
| Column Line Q wall   | From shield building wall to 11  | From 100'-0" to roof                                 | 2'-0"   | Yes  |
| Column Line 9.2 wall   | From I to J and K to L   | From 117'-6" to 135'-3"                              | 2'-0"   | Yes  |

| Table 3.3-1 (cont.)<br>Definition of Wall Thicknesses for Nuclear Island Buildings, Turbine Building, and Annex Building <sup>(1)</sup> |  |  |   |  |  |
|---|--|--|---|--|--|
| Wall or Section Description   | Column Lines <sup>(7)</sup>  | Floor Elevation or Elevation Range <sup>(7)(8)</sup> | Concrete Thickness <sup>(2)(3)(4)(5)(9)</sup> | Applicable Radiation Shielding Wall (Yes/No) |  |
| Labyrinth Wall between Column Line 7.3 and 9.2 and J to K   | J to K   | From 117'-6" to 135'-3"                              | 2'-0"   | Yes  |  |
| Auxiliary Area Basemat  | From 7.3-11 and I-Q, excluding shield building                     | From 60'-6" to 66'-6"                                | 6'-0"   | No   |  |
| Floor   | From 5 to 10'-6" south of 7.3 and I to shield building wall        | 100'-0"  | 2'-0"   | Yes  |  |
| Floor   | From 10'-6" south of 7.3 to 7.3 and I to shield building wall      | 100'-0"  | 3'-0"   | Yes  |  |
| Floor   | From K to L and shield building wall to column line 10             | 100'-0"  | 0'-9"   | Yes  |  |
| Main Control Room Floor   | From 9.2 to 11 and I to L  | 117'-6"  | 2'-0"   | Yes  |  |
| Floor   | Bounded by shield bldg, 7.3, J, 9.2 and L                          | 117'-6"  | 2'-0"   | Yes  |  |
| Floor   | From shield building to 11 and L to Q                              | 117'-6"  | 2'-0"   | Yes  |  |
| Floor   | From 5 to 7.3 and from I to intersection with shield building wall | 135'-3"  | 0'-9"   | Yes  |  |
| <b>Annex Building</b>   |  |  |   |  |  |
| Column line 2 wall  | From E to H  | From 107'-2" to 135'-3"                              | 19 3/4"                                       | Yes  |  |
| Column line 4 wall  | From E to H  | From 107'-2" to 162'-6" & 166'-0"                    | 2'-0"   | Yes  |  |
| N-S Shield Wall between E and F   | From 2 to 4  | From 107'-2" to 135'-3"                              | 1'-0"   | Yes  |  |
| Column line 4.1 wall  | From E to H  | From 107'-2" to 135'-3"                              | 2'-0"   | Yes  |  |
| N-S Labyrinth Wall between column line 7.8 and 9 and G to H   | Not Applicable   | From 100'-0" to 112'-0"                              | 2'-0"   | Yes  |  |
| E-W Labyrinth Wall between column line 7.1 and 7.8 and G to H   | Not Applicable   | From 100'-0" to 112'-0"                              | 2'-0"   | Yes  |  |
| N-S Shield Wall on Column line. F   | From 4.1 North   | From 100'-0" to 117'-6"                              | 1'-0"   | Yes  |  |
| Column Line 9 wall  | From E to connecting wall between G and H                          | From 107'-2" to 117'-6"                              | 2'-0"   | Yes  |  |
| Column Line E wall  | From 9 to 13   | From 100'-0" to 135'-3"                              | 2'-0"   | Yes  |  |
| Column Line 13 wall   | From E to I.1  | From 100'-0" to 135'-3"                              | 2'-0"   | Yes  |  |
| Column Line I.1 wall  | From 11.09 to 13   | From 100'-0" to 135'-3"                              | 2'-0"   | Yes  |  |
| Corridor Wall between G and H   | From 9 to 13   | From 100'-0" to 135'-3"                              | 1'-6"   | Yes  |  |

| Table 3.3-1 (cont.)<br>Definition of Wall Thicknesses for Nuclear Island Buildings, Turbine Building, and Annex Building <sup>(1)</sup> |  |  |   |  |  |
|---|--|--|---|--|--|
| Wall or Section Description   | Column Lines <sup>(7)</sup>                              | Floor Elevation or Elevation Range <sup>(7)(8)</sup> | Concrete Thickness <sup>(2)(3)(4)(5)(9)</sup> | Applicable Radiation Shielding Wall (Yes/No) |  |
| Column Line 9 wall  | From E to H  | From 117'-6" to 158'-0"                              | 2'-0"   | Yes  |  |
| Floor   | 2 to 4 from shield wall between E and F to column line H | 135'-3"  | 0'-6"   | Yes  |  |
| Floor   | From 4 to 4.1 and E to H                                 | 135'-3"  | 1'-0"   | Yes  |  |
| Floor   | From 9 to 13 and E to I.1                                | 117'-6"  | 0'-6"   | Yes  |  |
| Floor   | From 9 to 13 and E to I.1                                | 135'-3"  | 0'-8"   | Yes  |  |
| Containment Filtration Rm A (North Wall)  | Between column line E to H                               | From 135'-3" to 158'-0"                              | 1'-0"   | Yes  |  |
| Containment Filtration Rm A (East wall)   | Between column line E to F                               | From 135'-3" to 158'-0"                              | 1'-0"   | Yes  |  |
| Containment Filtration Rm A (West wall)   | Between column line G to H                               | From 135'-3" to 158'-0"                              | 1'-0"   | Yes  |  |
| Containment Filtration Rm A (Floor)   | Between column line E to H                               | 135'-3"  | 1'-0"   | Yes  |  |
| Containment Filtration Rm B (Floor)   | Between column line E to H                               | 146'-3"  | 0'-6"   | Yes  |  |
| Containment Filtration Rm B (West wall)   | Between column line G to H                               | From 146'-3" to 158'-0"                              | 1'-0"   | Yes  |  |
| <b>Turbine Building</b>   |  |  |   |  |  |
| Wall adjacent to Column Line I.2  | From Col. Line 11.05 to 11.2                             | From 100'-0" to 161'-0"                              | 2'-0"   | No   |  |
| Wall along Column Line 11.2   | From near I.2 to near Col. Line R                        | From 100'-0" to 161'-0"                              | 2'-0"   | No   |  |
| Wall adjacent to Column Line R  | From Col. Line 11.2 to Col. Line 11.05                   | From 100'-0" to 161'-0"                              | 2'-0"   | No   |  |
| Wall along Column Line 11.05  | From near Col. Line R to near Col. Line Q                | From 100'-0" to 161'-0"                              | 2'-0"   | No   |  |
|   | From Col. Line K.4 to near Col. Line I.2                 | From 100'-0" to 161'-0"                              | 2'-0"   | No   |  |