

DATE: MM-DD-YYYY

TO: NRC

FROM: New Reactor Licensee,
EFG Nuclear Plant Units 1 & 2
MNO-xyz

Subject: Completion of AP1000 ITAAC Item 3.3-6 2a) i) & ii)

The purpose of this letter is to notify the NRC of the completion of **EFG** Nuclear Plant and Units 1 & 2 Building Inspection, Test, Analysis and Acceptance Criteria (ITAAC) Item 3.3-6 2 a) i) and ii) in accordance with 10 CFR 52.99(c)(1). The closure process for this ITAAC is based on the guidance described in NEI-08-XX.

ITAAC Statement

Design Commitment:

2.a) The nuclear island structures, including the critical sections listed in Table 3.3-7, are seismic Category I and are designed and constructed to withstand design basis loads as specified in the Design Description, without loss of structural integrity and the safety-related functions.

The Inspections, Tests, and Analyses:

- i) An inspection of the nuclear island structures will be performed. Deviations from the design due to as-built conditions will be analyzed for the design basis loads.*
- ii) An inspection of the as-built concrete thickness will be performed.*

Acceptance Criteria:

- i) A report exists which reconciles deviations during construction and concludes that the as-built nuclear island structures, including the critical sections, conform to the approved design and will withstand the design basis loads specified in the Design Description without loss of structural integrity or the safety-related functions.*
- ii) A report exists that conclude that the as-built concrete thicknesses conform with the building sections defined on Table 3.3-1.*

ITAAC Determination Basis

The design bases loads as defined in the AP1000 Design Control Document [AP1000 DCD Rev. 16] are those loads associated with:

- Normal plant operation (including dead loads, live loads, lateral earth pressure loads, and equipment loads, including hydrodynamic loads, temperature and equipment vibration);
- External events (including rain, snow, flood, tornado, tornado generated missiles and earthquake); and
- Internal events (including flood, pipe rupture, equipment failure, and equipment failure generated missiles).

AP1000 DCD Section 3.7 “Seismic Analysis and Section 3.8 “Design of Category I Structures” describe the analyses for the design basis loads for the NI Structures. Section 3.8 specifies the applicable codes and standards governing the design, materials, fabrication, construction inspection and testing for the NI structures. Section 3.8 also describes the as-built design summary reports which document that the seismic Category I structures meet the specified acceptance criteria.

The as-built nuclear island (NI) structures including the critical sections listed in Table 3.3-7, were constructed as designed and specified in the AP1000 DCD to withstand design basis loads as specified in the Design Description, without loss of structural integrity and the safety-related functions.

- i) NI structures were inspected during construction to verify the as-built structures conformed to the specified design, codes and standards. Identified structural deviations were documented in Non-conformance reports and entered into the site corrective action program. Each NI structural deviation was evaluated by engineering individually and collectively to determine their impact to the structures ability to withstand design basis loads. As-built Design Summary Report XXX documents the reconciliation of NI structural deviations identified during construction and concludes that the as-built NI structures will withstand the design basis loads specified in the Design Description without loss of structural integrity or safety-related functions. An ITAAC closure evaluation was performed on As-built Design Summary Report XXX to verify that the deviation reconciliation report has been completed and addresses the construction identified structural deviations.

- ii) As-built Nuclear Island wall dimensional surveys were performed in accordance with the Construction Field Survey Procedure (Reference 1) for the critical section identified in Table 3.3-7 (Enclosure 1) to verify the wall thicknesses specified in Table 3.3-1 (Enclosure 2). These surveys were conducted on the concrete forms prior to placement and on the as-built walls subsequent to removal of the forms. As-built Design Summary Report XYZ documents the evaluation performed to determine if as-built wall thickness specified meet the acceptance criteria in Table 3.3-1 or reconciles any dimensional deviations. The As-built Design Summary Report XYZ documents and concludes the as-built concrete thicknesses conform to the wall dimensions defined in Table 3.3-1 and all deviations were appropriately evaluated and dispositioned. An ITAAC closure evaluation was performed on As-built Design Summary Report to verify that the report addresses the critical sections and dimensions and appropriately resolves any deviations.

The EFG Plant ITAAC closure evaluation, survey records, As-built Design Summary Report XXX and XYZ are retained in the EFG Plant ITAAC 3.3-6 2a) ii) Closeout Package (Reference 3) and are available for NRC review at the EFG Plant site.

ITAAC Related Construction finding Review

In accordance with plant procedures for ITAAC close-out, **EFG** Nuclear Plant performed a review of ITAAC-related construction findings and associated corrective actions. This review determined that three associated findings, listed below, have been identified.

1. {ITAAC-related construction finding #1}
2. {ITAAC-related construction finding #2}
3. {ITAAC-related construction finding #3}

The corrective actions for each finding have been completed and each finding closed. This review is documented in the close-out package for ITAAC 3.3-6 2 a) i) and ii) (Reference 4), which is available for NRC review.

ITAAC Closure Statement

Based on the above information, New Reactor Licensee hereby notifies the NRC that ITAAC 3.3-6 2 a) i) and ii) was performed for **EFG** Nuclear Plant and Units 1 & 2, and that the prescribed acceptance criteria were met.

We request NRC staff confirmation of this determination and publication of the required notice in the Federal Register per 10 CFR 52.99, and in accordance with the NRC process and schedule guidance for ITAAC completion, evaluation, and notification.

If there are any questions, please contact {Name of Contact Person for licensee}
at {Telephone Number for Contact Person}.

YVT

Site Vice President

Enclosures:

1. Table 3.3-7
2. Table 3.3-1

REFERENCES:

1. Construction Field Survey Procedure EFG-XXX-XXX
2. NEI 08-XX, ITAAC Closure Guidline
3. EFG Plant, ITAAC 3.3-6 2a) ii) Closeout Package
4. As-built Design Summary Report XXX
5. As-built Design Summary Report XYZ

Enclosure 1
Table 3.3-7
Nuclear Island Critical Structural Sections

**Table 3.3-7
Nuclear Island Critical Structural Sections**

<p><u>Containment Internal Structures</u></p> <p>South west wall of the refueling cavity</p> <p>South wall of the west steam generator cavity</p> <p>North east wall of the in-containment refueling water storage tank</p> <p>In-containment refueling water storage tank steel wall</p> <p>Column supporting the operating floor</p>
<p><u>Auxiliary and Shield Building</u></p> <p>South wall of auxiliary building (column line 1), elevation 66'-6" to elevation 180'-0"</p> <p>Interior wall of auxiliary building (column line 7.3), elevation 66'-6" to elevation 160'-6"</p> <p>West wall of main control room in auxiliary building (column line L), elevation 117'-6" to elevation 153'-0"</p> <p>North wall of MSIV east compartment (column line 11 between lines P and Q), elevation 117'-6" to elevation 153'-0"</p> <p>Shield building cylinder, elevation 160'-6" to elevation 200'-0"</p> <p>Roof slab at elevation 180'-0" adjacent to shield building cylinder</p> <p>Floor slab on metal decking at elevation 135'-3"</p> <p>2'-0" slab in auxiliary building (tagging room ceiling) at elevation 135'-3"</p> <p>Finned floor in the main control room at elevation 135'-3"</p> <p>Shield building roof, exterior wall of the PCS water storage tank</p> <p>Shield building roof, tension ring and columns between air inlets</p> <p>Divider wall between the spent fuel pool and the fuel transfer canal</p>
<p><u>Nuclear Island Basemat Below Auxiliary Building</u></p> <p>Bay between reference column lines 9.1 and 11, and K and L</p> <p>Bay between reference column lines 1 and 2 and K-2 and N</p>

Enclosure 2
Table 3.3-1
Definition of Wall Thicknesses for Nuclear Island Buildings and Annex
Building

**Table 3.3-1
Definition of Wall Thicknesses for Nuclear Island Buildings and Annex Building⁽¹⁾**

Wall or Section Description	Column Lines	Floor Elevation or Elevation Range	Concrete Thickness ^{(2),(3),(4),(5)}	Applicable Radiation Shielding Wall (Yes/No)
Containment Building Internal Structure				
Shield Wall between Reactor Vessel Cavity and RCDT Room	E-W wall parallel with column line 7	From 71'-6" to 83'-0"	3'-0"	Yes
West Reactor Vessel Cavity Wall	N-S wall parallel with column line N	From 83'-0" to 98'-0"	7'-6"	Yes
North Reactor Vessel Cavity Wall	E-W wall parallel with column line 7	From 83'-0" to 98'-0"	9'-0"	Yes
East Reactor Vessel Cavity Wall	N-S wall parallel with column line N	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	Not Applicable	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
South wall of pressurizer compartment	Not Applicable	From 103'-0" to 153'-6"	2'-6"	Yes
West wall of pressurizer compartment	Not Applicable	From 107'-2" to 160'-0"	2'-6"	Yes
North wall of pressurizer compartment	Not Applicable	From 107'-2" to 160'-0"	2'-6"	Yes
East wall of pressurizer compartment	Not Applicable	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

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 ± 1 inch, except for exterior walls below grade where the tolerance is +12 inches, - 1 inch.
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.

**Table 3.3-1 (cont.)
Definition of Wall Thicknesses for Nuclear Island Buildings and Annex Building⁽¹⁾**

Wall or Section Description	Column Lines	Floor Elevation or Elevation Range	Concrete Thickness ⁽²⁾⁽³⁾	Applicable Radiation Shielding Wall (Yes/No)
East wall of east steam generator compartment	Not Applicable	From 94'-0" to 153'-0"	2'-6"	Yes
North wall of east steam generator compartment	Not Applicable	From 87'-6" to 153'-0"	2'-6"	Yes
Shield Building				
Shield Building Cylinder	Not Applicable	From 100'-0" to 251'-6" From 256'-9" to 266'-6"	3'-0" 4'-6"	Yes Yes
Tension Ring	Not Applicable	From 266'-6" to 271'	3'-0"	Yes
Conical Roof	Not Applicable	From 271'-0" to 293'-9"	3'-0" (including 1/2 inch thick steel plate liner on each face)	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
Auxiliary Building Walls/Floors				
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 98'-1" 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

**Table 3.3-1 (cont.)
Definition of Wall Thicknesses for Nuclear Island Buildings and Annex Building⁽¹⁾**

Wall or Section Description	Column Lines	Floor Elevation or Elevation Range	Concrete Thickness ⁽²⁾⁽³⁾	Applicable Radiation Shielding Wall (Yes/No)
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 153'-0"	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
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
Column Line 7.1 wall	From I to 8' east of J-1	From 66'-6" to 82'-6"	2'-0"	Yes
Column Line 7.2 wall	From I to 5'-6" east of J-1	From 66'-6" to 100'-0"	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 160'-6"	2'-0"	No
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 153'-0"	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 153'-0"	2'-0"	Yes
Column Line I wall	From 1 to 11	From 66'-6" to 100'-0"	3'-0"	No
Column Line I wall	From 1 to 4	From 100'-0" to 180'-0"	2'-0"	Yes
Column Line I wall	From 4 to 7.3	From 100'-0" to 160'-6"	2'-0"	No
Column Line I wall	From 7.3 to 11	From 100'-0" to 153'-0"	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

**Table 3.3-1 (cont.)
Definition of Wall Thicknesses for Nuclear Island Buildings and Annex Building⁽¹⁾**

Wall or Section Description	Column Lines	Floor Elevation or Elevation Range	Concrete Thickness ⁽²⁾⁽³⁾	Applicable Radiation Shielding Wall (Yes/No)
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"	No
Column Line N wall	From 1 to 12'-9" north of 1	From 125'-0" to 135'-0"	2'-0"	No
Column Line N wall	From 12'-9" north of 1 to 2	From 100'-0" to 118'-2 1/2"	3'-0"	No
Column Line N wall	From 12'-9" north of 1 to 2	From 118'-2 1/2" to 135'-3"	2'-0"	No
Column Line N wall	From 1 to 2	From 118'-2 1/2" to 135'-3"	2'-0"	Yes
Column Line N wall	From 2 to 4	From 66'-6" to 98'-1"	3'-0"	No
Column Line N wall	From 2 to 4	From 98'-1" to 135'-3"	5'-6"	Yes
Column Line N wall	From 1 to 4	From 135'-3" to 180'-0"	2'-0"	Yes
Column Line J wall	From 7.3 to 11	From 66'-6" to 117'-6"	2'-0"	No
Column Line K wall	From 7.3 to 11	From 60'-6" to 135'-3"	2'-0"	Yes
Column Line L wall	From shield building wall to 11	From 60'-6" to 153'-0"	2'-0"	Yes
Column Line M wall	From shield building wall to 11	From 66'-6" to 153'-0"	2'-0"	Yes
Column Line P wall	From shield building wall to 11	From 66'-6" to 153'-0"	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 153'-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)	Between K-2 and L-2 extending from column line 1 north	From 100'-0" to 107'-2"	2'-6"	Yes

**Table 3.3-1 (cont.)
Definition of Wall Thicknesses for Nuclear Island Buildings and Annex Building⁽¹⁾**

Wall or Section Description	Column Lines	Floor Elevation or Elevation Range	Concrete Thickness ⁽²⁾⁽³⁾	Applicable Radiation Shielding Wall (Yes/No)
N-S Shield Wall	Between K-2 and L-2 extending from column line 1 north	From 100'-0" to 125'-0"	2'-3"	Yes
E-W Shield Wall	Between 1 and 2 extending from column line N east	From 100'-0" to 125'-0"	2'-9"	Yes
Column Line 9.2 wall	From I to J and K to L	From 117'-6" to 135'-3"	2'-0"	Yes
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 1-11 and I-Q, excluding shield building	From 60'-6" to 66'-6"	6'-0"	No
Nuclear Island Basemat	Below shield building	From 60'-6" to containment vessel or 82'-6"	6'-0" to 22'-0" (varies)	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 to 5 and J-1 to J-2	82'-6"	0'-9"	Yes
Pipe Chase Floor	From 2 to 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 I to J-2 and 4 to intersecting vertical wall before column line 5	107'-2"	2'-0"	Yes
Floor	From I to shield building wall and from intersecting vertical wall before column line 5 to column line 5	105'-0"	0'-9"	Yes
Floor	From 5 to 7.3 and I to shield building wall	100'-0"	2'-0"	Yes
Floor	From K to L and shield building wall to column line 10	100'-0"	0'-9"	Yes

**Table 3.3-1 (cont.)
Definition of Wall Thicknesses for Nuclear Island Buildings and Annex Building⁽¹⁾**

Wall or Section Description	Column Lines	Floor Elevation or Elevation Range	Concrete Thickness ⁽²⁾⁽³⁾	Applicable Radiation Shielding Wall (Yes/No)
Floor	From 1 to 10'-0" north of 1 and L-2 to N	125'-0"	3'-0"	Yes
Floor	From 10'-0" north of 1 to 2 and L-2 to N	118'-2 1/2"	2'-0"	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 9.2 to 11 and L to Q	117'-6"	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"	1'-1 1/2"	Yes
Floor	From 1 to 4 and I to N	180'-0"	1'-3"	Yes
Floor	From 4 to short of column line 5 and from 1 to intersection with shield building wall	135'-5"	0'-9"	Yes
Floor	From short of column line 5 to column line 5 and from 1 to intersection with shield building wall	133'-0"	0'-9"	Yes
Floor	From 5 to 7.3 and from 1 to intersection with shield building wall	135'-3"	0'-9"	Yes
Annex Building				
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
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"	
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"	

**Table 3.3-1 (cont.)
Definition of Wall Thicknesses for Nuclear Island Buildings and Annex Building⁽¹⁾**

Wall or Section Description	Column Lines	Floor Elevation or Elevation Range	Concrete Thickness ⁽²⁾⁽³⁾	Applicable Radiation Shielding Wall (Yes/No)
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 L1	From 100'-0" to 135'-3"	2'-0"	Yes
Column Line L1 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
Column Line 9 wall	From I 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 L1	117'-6"	0'-6"	Yes
Floor	From 9 to 13 and E to L1	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