

ATTACHMENT 2 TO AEP:NRC:0980U

EXISTING TECHNICAL SPECIFICATION
PAGES MARKED TO REFLECT PROPOSED CHANGES

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INDEX

DESIGN FEATURES

SECTION

PAGE

5.1 SITE

Exclusion Area 5-1

Low Population Zone 5-1

Site Boundary for Gaseous and Liquid Effluents 5-1

5.2 CONTAINMENT

Configuration 5-1

Design Pressure and Temperature 5-4

Penetrations 5-4

5.3 REACTOR CORE

Fuel Assemblies 5-4

Control Rod Assemblies 5-4

5.4 REACTOR COOLANT SYSTEM

Design Pressure and Temperature 5-4

Volume 5-5

5.5 EMERGENCY CORE COOLING SYSTEMS 5-5

5.6 FUEL STORAGE

Criticality 5-5

Drainage 5-7

Capacity 5-7

5.7 SEISMIC CLASSIFICATION 5-7

5.8 METEOROLOGICAL TOWER LOCATION 5-7

~~5.9 COMPONENT CYCLIC OR TRANSIENT LIMIT 5-7~~

DESIGN FEATURES

CAPACITY

5.6.4 The fuel storage pool is designed and shall be maintained with a storage capacity limited to no more than 3613 fuel assemblies.

5.7 SEISMIC CLASSIFICATION

5.7.1 Those structures, systems and components identified as Category I Items in the FSAR shall be designed and maintained to the original design provisions contained in the FSAR with allowance for normal degradation pursuant to the applicant Surveillance Requirements.

5.8 METEOROLOGICAL TOWER LOCATION

5.8.1 The meteorological tower shall be located as shown on Figure 5.1-1.

~~5.9 COMPONENT CYCLIC OR TRANSIENT LIMIT~~

~~5.9.1 The components identified in Table 5.9-1 are designed and shall be maintained within the cyclic or transient limits of Table 5.9-1.~~

TABLE 5:9-1

COMPONENT CYCLIC OR TRANSIENT LIMITS

<u>COMPONENT</u>	<u>CYCLIC OR TRANSIENT LIMIT</u>	<u>DESIGN CYCLE OR TRANSIENT</u>
Reactor Coolant System	<p>200 heatup cycles at less than or equal to 100°F/hr and 200 cooldown cycles at less than or equal to 100°F/hr (pressurizer cooldown at less than or equal to 200°F/hr).</p> <p>80 loss of load cycles.</p> <p>40 cycles of loss of offsite A.C. electrical power.</p> <p>80 cycles of loss of flow in one reactor coolant loop.</p> <p>400 reactor trip cycles.</p> <p>200 large step decreases in load.</p>	<p>Heatup cycle - T_{avg} from less than or equal to 200°F to greater than or equal to 547°F. Cooldown cycle - T_{avg} from greater than or equal to 547°F to less than or equal to 200°F.</p> <p>Without immediate turbine or reactor trip.</p> <p>Loss of offsite A.C. electrical power source supplying the onsite Class 1E distribution system.</p> <p>Loss of only one reactor coolant pump.</p> <p>100% to 0% of RATED THERMAL POWER.</p> <p>100% to 5% of RATED THERMAL POWER with steam dump.</p>

TABLE 5.9-1

COMPONENT CYCLIC OR TRANSIENT LIMITS

<u>COMPONENT</u>	<u>CYCLIC OR TRANSIENT LIMIT</u>	<u>DESIGN CYCLE OR TRANSIENT</u>
Reactor Coolant System	1 main reactor coolant pipe break.	Break in a reactor coolant pipe greater than 6 inches equivalent diameter.
	Operating Basis Earthquakes:	600 cycles - 20 earthquakes of 20 cycles each.
	50 leak tests.	Pressurized to 2500 psia.
	5 hydrostatic pressure tests	Pressurized to 3107 psig.
Secondary System	1 steam line break	Break in a steam line greater than 5.5 inches equivalent diameter.
	5 hydrostatic pressure tests	Pressurized to 1356 psig.

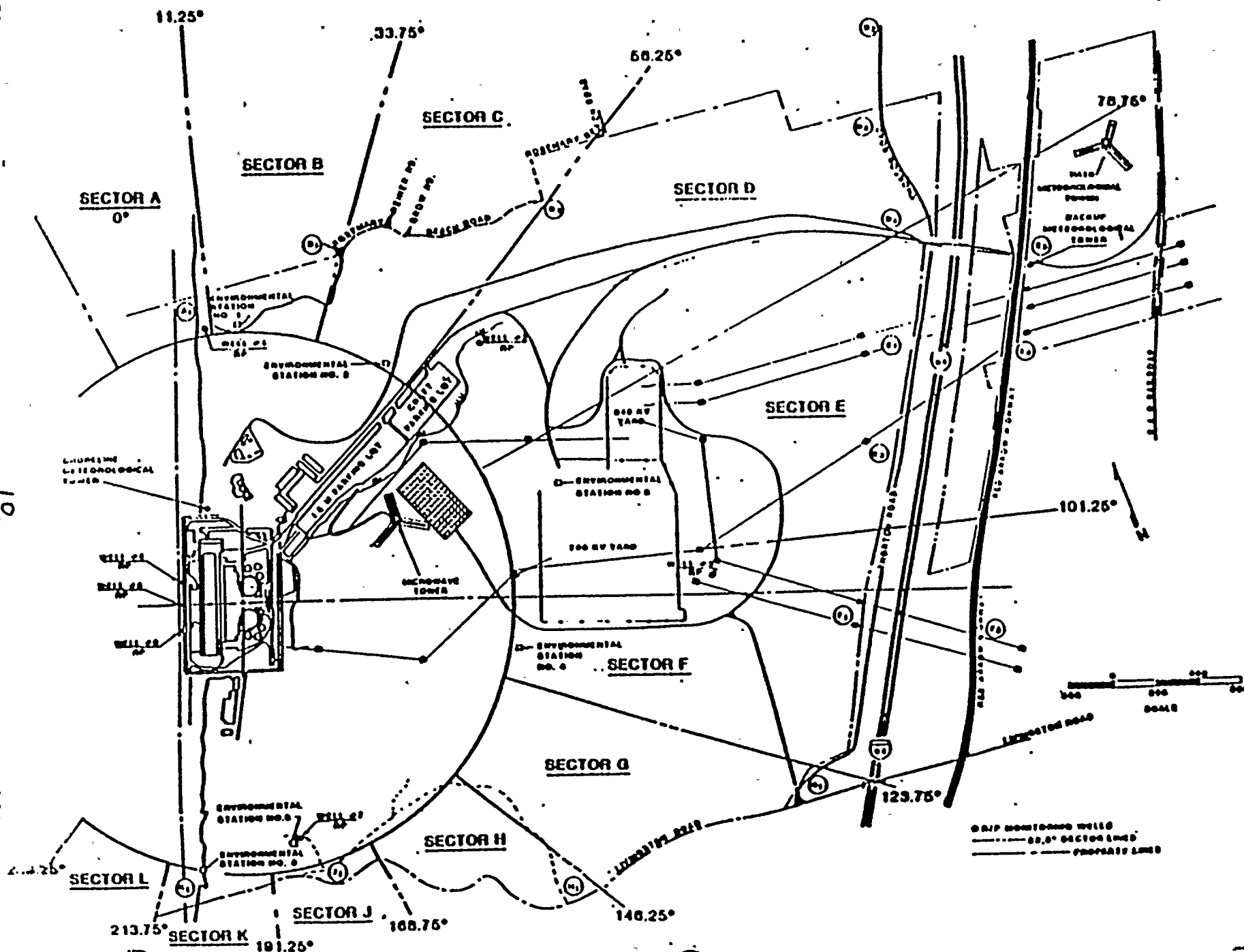


FIGURE 5.1-3: SITE BOUNDARY FOR LIQUID AND GASEOUS EFFLUENTS

INDEX

DESIGN FEATURES

SECTION

PAGE

5.1 SITE

Exclusion Area	5-1
Low Population Zone	5-1
Site Boundary for Gaseous and Liquid Effluents	5-1

5.2 CONTAINMENT

Configuration	5-1
Design Pressure and Temperature	5-1

5.3 REACTOR CORE

Fuel Assemblies	5-4
Control Rod Assemblies	5-4

5.4 REACTOR COOLANT SYSTEM

Design Pressure and Temperature	5-4
Volume	5-5

5.5 METEOROLOGICAL TOWER LOCATION

5.6 FUEL STORAGE

Criticality - Spent Fuel	5-5
Criticality - New Fuel	5-6
Drainage	5-7
Capacity	5-7

5.7 COMPONENT CYCLIC OR TRANSIENT LIMIT

DESIGN FEATURES

CRITICALITY NEW FUEL

- 5.6.2.1 The new fuel pit storage racks are designed and shall be maintained with a nominal 21 inch center-to-center distance between new fuel assemblies such that K_{eff} will not exceed 0.98 when fuel assemblies are placed in the pit and aqueous foam moderation is assumed.
- 5.6.2.2 Fuel stored in the new fuel storage racks shall have a maximum nominal fuel assembly enrichment as follows:

<u>Description</u>		<u>Maximum Nominal Fuel Assembly Enrichment Wt. % 235U</u>
1) Westinghouse	15 x 15 STD	4.55
	15 x 15 OFA	
2) Exxon/ANF	15 x 15	3.50
3) Westinghouse	17 x 17 STD	4.55
	17 x 17 OFA	
	17 x 17 V5	
4) Exxon/ANF	17 x 17	4.23

DRAINAGE

- 5.6.3 The spent fuel storage pool is designed and shall be maintained to prevent inadvertent draining of the pool below elevation 629'4".

CAPACITY

- 5.6.4 The spent fuel storage pool is designed and shall be maintained with a storage capacity limited to no more than 3613 fuel assemblies.

~~5.7 COMPONENT CYCLIC OR TRANSIENT LIMIT~~

- ~~5.7.1 The components identified in Table 5.7-1 are designed and shall be maintained within the cyclic or transient limits of Table 5.7-1.~~

TABLE 5.7-1

COMPONENT CYCLIC OR TRANSIENT LIMITS

<u>COMPONENT</u>	<u>CYCLIC OR TRANSIENT LIMIT</u>	<u>DESIGN CYCLE OR TRANSIENT</u>
Reactor Coolant System	200 heatup cycles at less than or equal to 100° F/hr and 200 cooldown cycles at less than or equal to 100° F/hr (pressurizer cooldown at less than or equal to 200° F/hr).	Heatup cycle - T _{avg} from less than or equal to 200° F to greater than or equal to 547° F. Cooldown cycle - T _{avg} from greater than or equal to 547° F to less than or equal to 200° F.
	80 loss of load cycles.	Without immediate turbine or reactor trip.
	40 cycles of loss of offsite A.C. electrical power.	Loss of offsite A.C. electrical power source supplying the onsite Class 1E distribution system.
	80 cycles of loss of flow in one reactor coolant loop..	Loss of only one reactor coolant pump.
	400 reactor trip cycles.	100% to 0% of RATED THERMAL POWER.
	200 large step decreases in load.	100% to 5% of RATED THERMAL POWER with steam dump.

TABLE 5.7-1 (Continued)

COMPONENT CYCLIC OR TRANSIENT LIMITS

<u>COMPONENT</u>	<u>CYCLIC OR TRANSIENT LIMIT</u>	<u>DESIGN CYCLE OR TRANSIENT</u>
Reactor Coolant System	1 main reactor coolant pipe break.	Break in a reactor coolant pipe greater than 6 inches equivalent diameter.
	Operating Basis Earthquakes	400 cycles - 20 earthquakes of 20 cycles each.
	50 leak tests.	Pressurized to 2500 psia.
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Secondary System	1 steam line break	Break in a steam line greater than 5.5 inches equivalent diameter.
	5 hydrostatic pressure tests	Pressurized to 1356 psig.

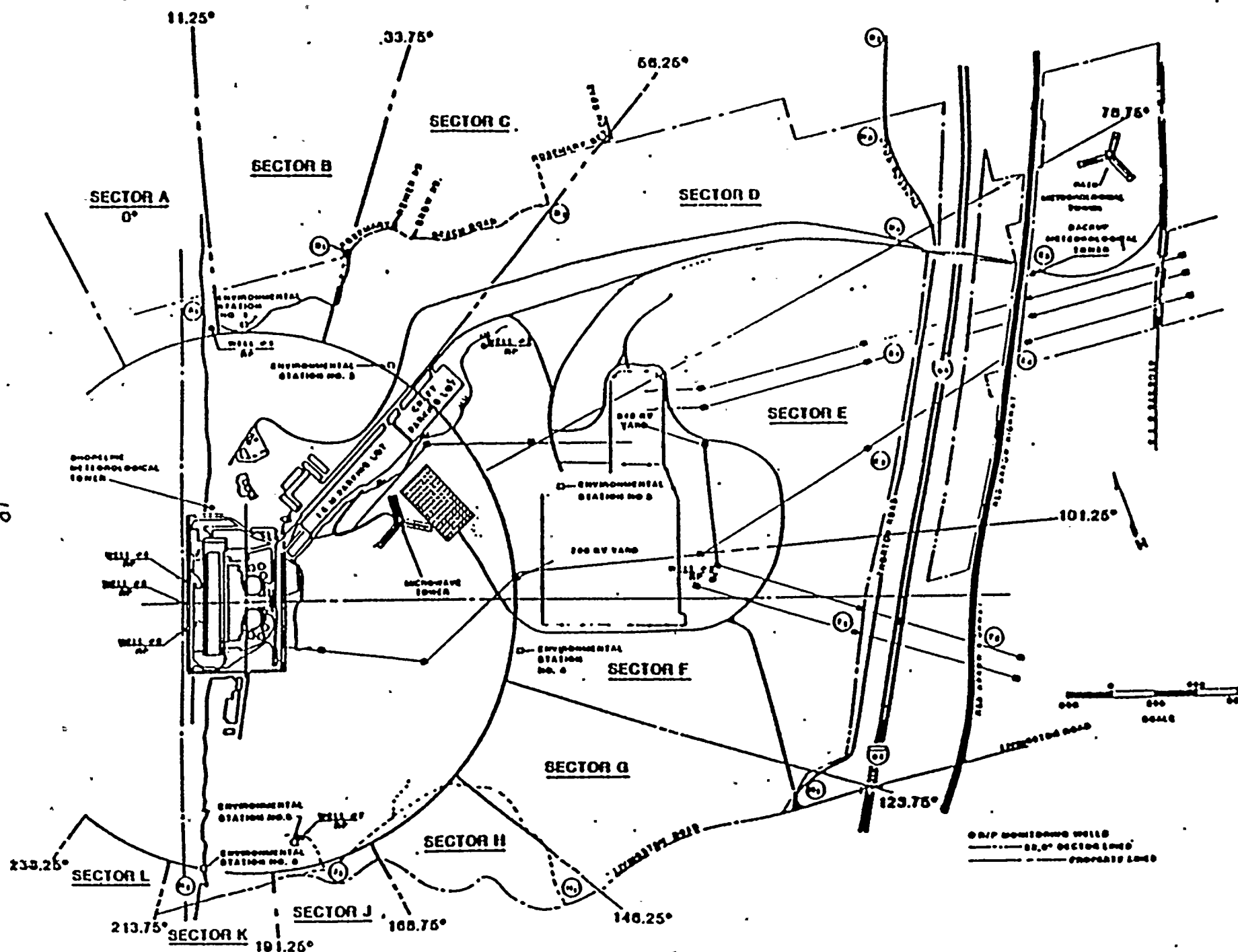


FIGURE 5.1-1: SITE BOUNDARY FOR 1,10010 AND CASBORG EFFLUENTS

ATTACHMENT 3 TO AEP:NRC:0980U

PROPOSED REVISED
TECHNICAL SPECIFICATION PAGES

INDEX

DESIGN FEATURES

<u>SECTION</u>	<u>PAGE</u>
<u>5.1 SITE</u>	
Exclusion Area	5-1
Low Population Zone	5-1
Site Boundary for Gaseous and Liquid Effluents	5-1
<u>5.2 CONTAINMENT</u>	
Configuration	5-1
Design Pressure and Temperature	5-4
Penetrations	5-4
<u>5.3 REACTOR CORE</u>	
Fuel Assemblies	5-4
Control Rod Assemblies	5-4
<u>5.4 REACTOR COOLANT SYSTEM</u>	
Design Pressure and Temperature	5-4
Volume.	5-5
<u>5.5 EMERGENCY CORE COOLING SYSTEMS</u>	5-5
<u>5.6 FUEL STORAGE</u>	
Criticality	5-5
Drainage.	5-7
Capacity	5-7
<u>5.7 SEISMIC CLASSIFICATION</u>	5-7
<u>5.8 METEOROLOGICAL TOWER LOCATION</u>	5-7

DESIGN FEATURES

CAPACITY

- 5.6.4 The fuel storage pool is designed and shall be maintained with a storage capacity limited to no more than 3613 fuel assemblies.

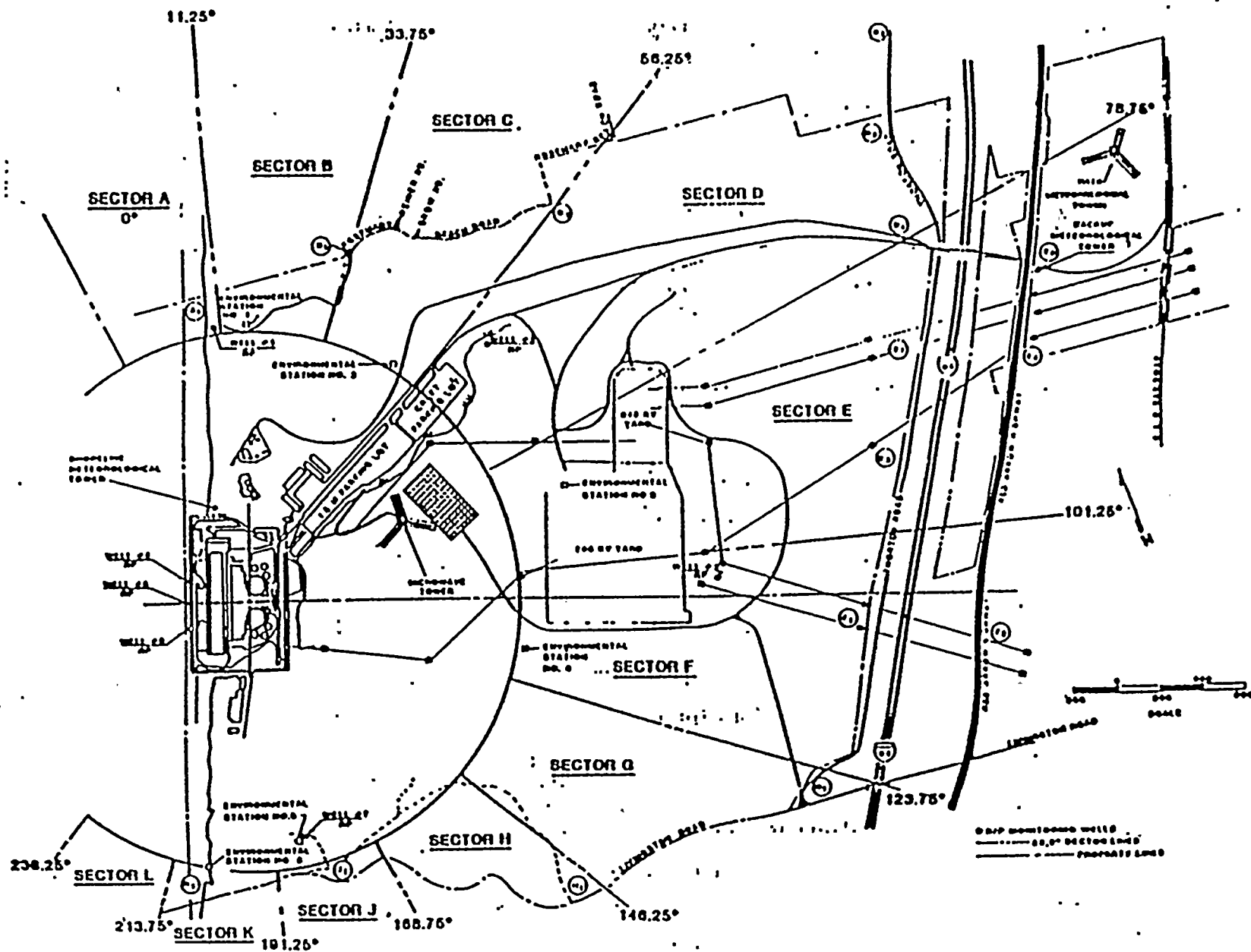
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5.8 METEOROLOGICAL TOWER LOCATION

- 5.8.1 The meteorological tower shall be located as shown on Figure 5.1-1.

FIGURE S.1-3: SITE BOUNDARY FOR LIQUID AND GASEOUS EFFLUENTS



INDEX

DESIGN FEATURES

<u>SECTION</u>	<u>PAGE</u>
<u>5.1 SITE</u>	
Exclusion Area	5-1
Low Population Zone	5-1
Site Boundary for Gaseous and Liquid Effluents	5-1
<u>5.2 CONTAINMENT</u>	
Configuration	5-1
Design Pressure and Temperature	5-1
<u>5.3 REACTOR CORE</u>	
Fuel Assemblies	5-4
Control Rod Assemblies	5-4
<u>5.4 REACTOR COOLANT SYSTEM</u>	
Design Pressure and Temperature	5-4
Volume.	5-5
<u>5.5 METEOROLOGICAL TOWER LOCATION</u>	5-5
<u>5.6 FUEL STORAGE</u>	
Criticality - Spent Fuel	5-5
Criticality - New Fuel	5-6
Drainage	5-7
Capacity	5-7

DESIGN FEATURES

CRITICALITY NEW FUEL

- 5.6.2.1 The new fuel pit storage racks are designed and shall be maintained with a nominal 21-inch center-to-center distance between new fuel assemblies such that K_{eff} will not exceed 0.98 when fuel assemblies are placed in the pit and aqueous foam moderation is assumed.
- 5.6.2.2 Fuel stored in the new fuel storage racks shall have a maximum nominal fuel assembly enrichment as follows:

<u>Description</u>		<u>Maximum Nominal Fuel Assembly Enrichment Wt. % ²³⁵U</u>
1) Westinghouse	15 x 15 STD 15 x 15 OFA	4.55
2) Exxon/ANF	15 x 15	3.50
3) Westinghouse	17 x 17 STD 17 x 17 OFA 17 x 17 V5	4.55
4) Exxon/ANF	17 x 17	4.23

DRAINAGE

- 5.6.3 The spent fuel storage pool is designed and shall be maintained to prevent inadvertent draining of the pool below elevation 629' 4".

CAPACITY

- 5.6.4 The spent fuel storage pool is designed and shall be maintained with a storage capacity limited to no more than 3613 fuel assemblies.



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FIGURE 5.1-3: SITE BOUNDARY FOR LIQUID AND GASEOUS EFFLUENTS

