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E910-01-016  
September 4, 2001

U.S. Nuclear Regulatory Commission  
Attention: Document Control Desk  
Washington, DC 20555

Gentlemen,

Subject: Saxton Nuclear Experimental Corporation (SNEC), Operating  
License No., DPR-4, Docket No. 50-146  
Phase 2 Characterization Data

GPU Nuclear letter E910-01-001, dated January 30, 2001 committed to provide the NRC remaining radiological characterization data for the SNEC Facility in phases. The attachment to this letter provides the Phase 2 information. Included in this phase of characterization are the Saxton Steam Generating Station (SSGS) and the SSGS Discharge Tunnel and surrounding environs.

GPU Nuclear letter E910-01-001 also committed to provide characterization information on river sediment in conjunction with Phase 2 Characterization. As discussed in our meeting of August 6, 2001 this information is not available and will be submitted in conjunction with our report on Phase 3 Characterization.

If you have any questions regarding this information please contact Mr. James J. Byrne at (717) 948-8461.

Sincerely,

A handwritten signature in black ink, appearing to read "G.A. Kuehn Jr.", written in a cursive style.

G.A. Kuehn Jr.  
Program Director, SNEC Facility

Cc: NRC Project Manager  
NRC Project Scientist, Region 1

A001

## Introduction

As committed in GPU Nuclear letter E910-01-001, dated January 31, 2001, this document provides an update to existing radiological conditions at the SNEC facility site. Information is provided for the Saxton Steam Generating Station (SSGS) footprint, the Discharge Tunnel and surrounding Environs. The information was collected using two (2) types of site procedural guidance, and therefore all results are reported as either a summary Table with an assigned SR-XXXX value or a Table with an SWI-XX-XXX number.

A revision to the applicable sections of the SNEC License Termination Plan (LTP), **Chapter 2.0, SITE CHARACTERIZATION**, will be made to incorporate the additional characterization data. Additionally, based on this characterization data, a change to LTP Table 5-2, "Initial Classification of Site Areas" is provided. The specific LTP changed sections and any additional figures and tables associated with these changes follow:

### 2.2.4.1.4 Saxton Steam Generating Station (SSGS) Footprint, Discharge Tunnel and Surrounding Environs

#### 2.2.4.1.4.1 Saxton Steam Generating Station (SSGS) Footprint

The Saxton Steam Generating Station (SSGS) Footprint and Discharge Tunnel area includes several structures that exhibit somewhat different levels of radiological contamination (see Figures 2-18a, 2-18b and 2-18c). The upper level concrete slab (~811' El) of the SSGS facility originally called the "Boiler Pad", has been surveyed and sampled and was found to be largely free of residual contamination. A system of piping that drained the slab area also contained little or no radiological contamination above background levels normally found in off-site soils. Forty (40) sediment samples were taken from floor drains and open piping that was removed from below the Boiler Pad under SR-0024. The highest activity found was a 3.1 pCi/g Cs-137 value in drain # 4. Co-60 was at a value of < 0.15 pCi/g for the same drain. The remaining sample results for these radionuclides were largely within the range of natural background values for off-site soils. Seven (7) core bore samples were also taken from the Boiler Pad area at non-biased locations. No activity was found above the MDA value for Cs-137 or Co-60 during routine counting times of 2000 seconds (per sample). All smears taken from this area indicated < 1000 dpm per 100 centimeter square area (beta/gamma).

The next lower elevation in the SSGS footprint called the "Firing Aisle" (~806' El), also contained little or no contaminated surfaces. However, several drain lines contained levels of Cs-137 that were discernable above typical background values. The majority of this piping will be removed during the remediation process. Any piping that is to be left behind will be sampled and surveyed in accordance with SNEC site procedures. As necessary, a dose assessment will then be performed to ensure that the 25 mrem/y TEDE and 4 mrem/y drinking water dose levels are not exceeded for the site.

The final area of the SSGS facility that was characterized was the SSGS Basement Area, this area was surveyed and sampled in stages because of elevated ground water levels which would have normally resided to a depth several feet above the below grade floor (~790' El). Water was pumped from region to region at this elevation to allow the completion of the characterization process on the walls and floor sections of the basement area. Results from surveys and sampling in this region show somewhat contaminated surfaces exist on the floor and in the sump areas at this lower elevation. Tie lines (piping) between sumps are also contaminated and are being cut out. Other piping in this region has also shown elevated levels of residual contamination and will be treated in accordance with SNEC site procedures.

Characterization results for the SSGS area are presented in Tables 2-3a through 2-3d. Chapter 5.0, Table 5-2 provides the preliminary survey classifications that result from the complete characterization data for this area.

#### 2.2.4.1.4.2 SSGS Discharge Tunnel

The Saxton Steam Generating Station (SSGS) Discharge Tunnel is contaminated as a result of radioactive liquid effluent discharges from the SNEC facility. This tunnel was the routine discharge point for liquid radioactive effluents. Ground water and several inches of silt on the floor of this below grade structure have largely been removed over the past several months and a complete characterization of this structure is reported herein. It was necessary to remove the water and silt to adequately survey this area for characterization and final release.

Characterization results to date of this structure indicate that extensive remediation will not be needed to meet final release criteria. However, several piping sections were removed as they were near or above initial DCGLs provided in Chapter 5 of the SNEC LTP. One pipe in the East Seal Chamber (Seal Chamber # 1) was found to contain significant levels of contamination. Specifically, a pipe, believed to be the original SNEC facility liquid effluent discharge line. This line was sampled and contained 4800 pCi/g Cs-137 and 30 pCi/g Co-60 entrapped within the pipe internals surface deposition.

Figure 2-18 shows the Discharge Tunnel in detail and contains the initial general area exposure rate values. Table 2-3 and 2-6 lists some of the initial sediment and water sample results collected during early sampling efforts in the Discharge Tunnel area. Table 2-3e through 2-3g provides more recent characterization information in a summarized format. Table 5-2 of Chapter 5.0, provides the preliminary survey classifications as a result of the more recent characterization data from this area.

The floor of the Discharge Tunnel from the point of entry near the SNEC CV, to the elbow that turns North toward the river is listed as a Class 1 area (~the first 150'). The reason for this classification is entirely because of elevated concentrations of sediment that was removed from the floor surface in this area. The last section of the floor from the elbow to the river discharge point (the last ~550'), is listed as a Class 2 survey area using the same reasoning. The ceiling of the Discharge Tunnel to the ninety degree elbow (~ the first 150') is listed as a Class 2 survey area because of a sample of concrete rubble that exhibited a 1.4 pCi/g Cs-137 result and because of the close proximity of the Seal Chambers which were SSGS and nuclear plant release points. The last ~550' of Discharge Tunnel ceiling is listed as a Class 3 survey area. The walls of the Discharge Tunnel to the ninety-degree elbow are Class 1 survey areas because of elevated characterization survey results presented in Table 2-3e. The walls in the first ~150' of Discharge Tunnel have areas of elevated contamination present particularly at the Seal Chamber openings. The remainder of the walls to the river discharge point (the last ~550') are listed as a Class 3 survey area.

SR-0013 provides some additional sample results from the Discharge Tunnel Seal Chambers after the initial decontamination phase. Two (2) sediment samples were taken from the Seal Chambers. One sample was taken from Seal Chamber # 2 from a penetration on the South wall. The other was a composite of six (6) debris drums from Seal Chamber # 3. The highest activity found was a 17.1 pCi/g Cs-137 value. Co-60 was at a value of < 0.04 pCi/g. Two (2) core bore samples were taken in Seal Chamber # 2 and two were taken in Seal Chamber # 1 at non-biased locations. The highest activity was found in Seal Chamber # 2. These values were 0.3 pCi/g Cs-137 & < 0.3 pCi/g Co-60. Cs-137 did not penetrate greater than ½ inch into the concrete surface. Rubblized concrete was collected from Seal Chamber # 2. The highest activity sample was 1.3 pCi/g Cs-137 and < 0.03 pCi/g Co-60 while water from Seal Chamber # 3 was sampled and showed 31 pCi/L Cs-137, < 11 pCi/L Co-60 and < 307 pCi/L H-3. All smears taken in this area indicated < 1000 dpm per 100 centimeter square area (beta/gamma). The Seal Chambers are listed as Class 1 survey areas.

The 18" tie line between the Discharge Tunnel and the Intake Tunnel was sampled out to the area of near the screens in the Intake Tunnel. Cs-137 was present in this line as described in Tables 2-3e and 2-3h with the highest concentration at approximately 4 pCi/g.

The Spray Pump Pit, located at the corner of the ninety degree turn in the Discharge Tunnel is listed as a Class 2 survey area in its entirety, since its purpose was to supply Discharge Tunnel water to the Spray Pond area.

#### 2.2.4.1.4.3 SSGS Discharge Tunnel Surrounding Environs

Investigations of soils at several locations in the vicinity of the Discharge and Intake Tunnels and the SSGS area are reported in Table 2-3i. There is no evidence of elevated contamination in these results above that which results from natural background radiation. Soils removed in the vicinity of the Discharge Tunnel during soil type investigations contained only background levels of radionuclides normally associated with plant operation.

**Table 5-2**  
**INITIAL CLASSIFICATIONS OF SITE AREAS**

Survey Unit Designations of the SNEC Facility and Surrounding Impacted Areas									
Description	Classification			Survey Unit Area (m^2)*				No. of Survey Units*	Type of DCGL Applied <sup>a</sup>
	1	2	3	Floor	Walls	Ceiling	Other		
MISCELLANEOUS SNEC FACILITY AREAS & ITEMS									
Off-site Airborne Monitoring Stations		X					<10	1	1
Intake Tunnel Opening			X				600	1	2
SSGS Discharge Tunnel Outfall			X				600	1	2
Weir Outfall	X						400	1	2
Weir Outfall Buffer		X					1200	1	2
Northeast Dump Site			X				7000	1	2
Remaining Weir Line to River	X						122	1	2
Spillway (Shunt Line Outfall)			X				400	1	2
Embedded Piping in CV	X						TBD	1	1
Northwest Open Land Area			X				4100	1	2
Northwest Open Land Area		X					10	1	2
Other Embedments in CV	X						TBD	1	1
CONTAINMENT VESSEL (CV) AREA 1, BASEMENT 765' TO 779'-8"									
Ceiling	X					50.3		1	1, 3
Main Floor	X			40.1				1	1, 3
Haunch Wall	X			24.1	14.0			1	1, 3
Sloped Wall South	X				84.3			1	1, 3
South Wall 777'-8" to 779'-8"	X				6.5			1	1, 3
North Wall (Excluding M/U Filter Cubicle)	X				41.6			1	1, 3
Sump	X			1.5	5.9			1	1, 3
M/U Filter Cubicle Exterior Walls	X				29.5			1	1, 3
M/U Filter Cubicle Mezzanine	X			8.7				1	1, 3
M/U Filter Cubicle	X			4.2	28.3	4.2		1	1, 3
CONTAINMENT VESSEL (CV) AREA 1, ROD ROOM									
Main Floor	X			8.8				1	1, 3
Haunch Wall	X			7.7	4.2			1	1, 3
North Wall (Sloped)	X				17.3			1	1, 3
South Wall	X				14.9			1	1, 3
East Wall	X				14.3			1	1, 3
Ceiling	X					22.7		1	1, 3
Reactor Vessel Port	X					9.3		1	1, 3
CONTAINMENT VESSEL (CV) AREA 2, PRIMARY COMPARTMENT 779'-8" TO 818'									
North Wall 779'-8" to 795'	X				32.6			1	1, 3
North Wall 795' to Ceiling	X				40.2			1	1, 3
West/South Curved Wall 779'-8" to Ceiling	X				122.2			2	1, 3
East Wall 779'-8" to 795'	X				35.3			1	1, 3
East Wall 795' to Ceiling	X				41.9			1	1, 3
Floor	X			41.9				1	1, 3
Ceiling	X					32.5		1	1, 3

<sup>a</sup>NRC Default Surface DCGLs=1, Site Specific Surface Soil DCGLs=2, Volumetric Concrete DCGLs=3

TBD =To Be Determined. These items may be removed before the FSS begins.

\*Estimated with best available information

NOTE: These areas are impacted. Characterization is ongoing, in order to properly classify them.

**Table 5-2 (continued)**  
**INITIAL CLASSIFICATIONS OF SITE AREAS**

Survey Unit Designations of the SNEC Facility and Surrounding Impacted Areas									
Description	Classification			Survey Unit Area (m^2)*				No. of Survey Units*	Type of DCGL Applied <sup>a</sup>
	1	2	3	Floor	Walls	Ceiling	Other		
CONTAINMENT VESSEL (CV) AREA 3, AUXILIARY COMPARTMENT 779'-8" TO 812'									
North Wall 779'-8" to 795'	X				31.9			1	1, 3
North Wall 795' to Ceiling	X				31.4			1	1, 3
West Wall 779'-8" to 795'	X				35.3			1	1, 3
West Wall 795' to Ceiling	X				34.3			1	1, 3
South & East Curved Wall 779'-8" to 795'	X				52.7			1	1, 3
South & East Curved Wall 795' to Ceiling	X				51.8			1	1, 3
Ceiling	X					30.4		1	1, 3
CONTAINMENT VESSEL (CV) AREA 4, OPERATING COMPARTMENT 812' TO 818'									
812' Floor Above Storage Well	X			38.3				1	1, 3
812' Floor Above Aux. Compartment	X			37.1				1	1, 3
812' to 818' Center Wall	X				31.3			1	1, 3
812' Stairway Hatch	X				13.6			1	1, 3
812' Aux. Compartment Equipment Hatch	X				14.9			1	1
818' Primary Compartment Equipment Hatch	X				13.4			1	1
818' Floor	X			56.7				1	1, 3
CONTAINMENT VESSEL (CV) AREA 6, STORAGE WELL 765' TO 812'									
Deep End South Wall 765' to 779'-8"	X				25.2			1	1, 3
Deep End South Wall 779'-8" to 795'	X				29.7			1	1, 3
Deep End South Wall 795' to Ceiling	X				23.4			1	1, 3
Shallow End South Wall 779'-8" to 795'	X				40.3			1	1, 3
Shallow End South Wall 795' to Ceiling	X				29.0			1	1, 3
Deep End West Wall 765' to 779'-8"	X				21.9			1	1, 3
Shallow End 779'-8" Floor	X			29.3				1	1, 3
Deep End 765' Floor	X			9.0				1	1, 3
Deep End 765' El., Haunch Wall	X			7.9	4.3			1	1, 3
768'-3" El. Top of Haunch Wall to 779'-8"	X				30.4			1	1, 3
Deep End 795' to Ceiling Curved Wall	X				31.4			1	1, 3
Deep End 779'-8" to 795' Curved Wall	X				39.9			1	1, 3
Shallow End 779'-8" to 795' N-NW Curved Wall	X				47.0			1	1, 3
Shallow End 795' to Ceiling Curved Wall	X				37.0			1	1, 3
Storage Well Shield Block Walls	X				36.6			1	1, 3
Ceiling	X					22.5		1	1, 3
CONTAINMENT VESSEL (CV), INTERIOR & EXTERIOR DOME									
Interior Walls of CV Dome	X				466.1			10	1
Interior Top of CV Dome	X					335.7		10	1
Exterior Walls From Grade Down ~2.4 Meters	X				117.1			2	1
Exterior Walls From Grade to 2 Meters	X				71.5			1	1
Exterior Walls > 2 Meters to Dome Top		X			420.1			4	1
Exterior Top of CV Dome		X				335.7		3	1

<sup>a</sup>NRC Default Surface DCGLs=1, Site Specific Surface Soil DCGLs=2, Volumetric Concrete DCGLs=3

\*Estimated with best available information

**Table 5-2 (continued)**  
**INITIAL CLASSIFICATIONS OF SITE AREAS**

Survey Unit Designations of the SNEC Facility and Surrounding Impacted Areas									
Description	Classification			Survey Unit Area (m^2)*				No. of Survey Units*	Type of DCGL Applied <sup>a</sup>
	1	2	3	Floor	Walls	Ceiling	Other		
MATERIAL HANDLING BAY (MHB) – SNEC AREA									
Floors & Walls Up to 2 Meters (Interior)	X			21.7	19.9			1	1
Upper Walls & Ceiling (Interior)		X			63.0	21.7		1	1
Roof			X			23.9		1	1
Exterior Walls			X		55.5			1	1
PERSONNEL ACCESS FACILITY (PAF) – SNEC AREA									
Floors & Walls Up to 2 Meters (Interior)	X			36.1	48.9			1	1
Upper Walls & Ceiling (Interior)		X			115.7	36.1		1	1
Roof			X			39.8		1	1
Exterior Walls			X		132.5			1	1
DECOMMISSIONING SUPPORT BUILDING (DSB) – SNEC AREA									
Floors & Walls Up to 2 Meters (Interior)	X			212.4	120.7			5	1
Upper Walls & Ceiling (Interior)		X			289.5	212.4		1	1
DSB Carport			X	61.6		61.6		1	1
Roof			X			224.6		1	1
Exterior Walls			X		325.4			1	1
WAREHOUSE (LARGE GARAGE-South) – PENELEC AREA									
Floors & Walls Up to 2 Meters (Interior)		X		450.2	290.3			2	1
Upper Walls & Ceiling (Interior)			X		292.3	450.2		1	1
Exterior Walls			X		373.5			1	1
Roof		X				418.1		1	1
Drains, Septic System & Misc. Piping		X					<10	1	1
GARAGE (SMALL GARAGE-Southwest) – PENELEC AREA									
Floors & Walls Up to 2 Meters (Interior)	X			109.3	122.1			4	1
Upper Walls & Ceiling (Interior)			X		296.7	109.3		2	1
Exterior Walls			X		179.5			1	1
Roof		X			116.1			1	1
Drains & Misc. Piping	X						<10	1	1
LINE SHACK – PENELEC AREA									
Floors & Walls Up to 2 Meters (Interior)	X			289.9	177.3			5	1
Upper Walls & Ceiling (Interior)	X				190.9	412		7	1
Exterior Walls	X				342.6			4	1
Roof	X					323.7		4	1
Roof Drainage System	X						<10	1	1
Old Septic System	X						<10	1	1
Floor Drains & Associated Piping	X						<10	1	1
PENELEC SWITCHYARD BUILDING									
Interior			X	54.6	89.0	54.6		1	1
Exterior Walls and Roof			X		151.1	68.0		1	1

<sup>a</sup>NRC Default Surface DCGLs=1, Site Specific Surface Soil DCGLs=2, Volumetric Concrete DCGLs=3

\*Estimated with best available information

**Table 5-2 (continued)**  
**INITIAL CLASSIFICATIONS OF SITE AREAS**

Survey Unit Designations of the SNEC Facility and Surrounding Impacted Areas									
Description	Classification			Survey Unit Area (m^2)*				No. of Survey Units*	Type of DCGL Applied <sup>a</sup>
	1	2	3	Floor	Walls	Ceiling	Other		
SAXTON STEAM GENERATING STATION (SSGS), INTAKE & DISCHARGE TUNNEL									
Floor of Discharge Tunnel (first ~150')	X			120				1	1, 3
Floor of Discharge Tunnel (last ~550')		X		400				1	1, 3
Ceiling of DT (first ~150')		X				120		1	1, 3
Ceiling of DT (last ~550')			X			400		1	1, 3
Walls of DT (first ~150')	X				290			3	1, 3
Walls of DT (last ~550')			X		600			1	1, 3
Spray Pump Pit		X					120	1	1, 3
In DT - Seal Chambers (1, 2 & 3)	X						230	3	1, 3
SSGS Boiler Pad (811' El)			X	1800				1	1, 3
SSGS Firing Aisle (806' El)			X	560	80			1	1, 3
SSGS Basement Area Floor (790' El)	X			360				4	1, 3
SSGS Basement Walls 2 Meters Up (790' El)		X			240			1	1, 3
SSGS Basement Walls > 2 Meters (790' El)			X		350			1	1, 3
Exterior & Top of Seal Chambers	X			70				1	1, 3
Exterior Walls Above Seal Chamber Areas		X			100			1	1, 3
Impacted Section of SSGS Intake Tunnel	TBD	TBD	TBD	TBD	TBD	TBD	TBD	See Note	1, 2, 3
SAXTON STEAM GENERATING STATION (SSGS) SPRAY POND AREA									
Open Land Area		X					12300	2	2
SNEC FACILITY SITE OPEN LAND AREA									
SNEC Facility Site & Near Site Area	X						10800	11	2
GPU ENERGY (PENELEC) SITE OPEN LAND AREA									
Westinghouse and Adjacent Areas**	X						5700	6	2
Warehouse Burn Area	X						20	1	2
Buffer Zones		X					8300	4	2
REMAINING IMPACTED OPEN LAND AREA									
Site Road Access Areas		X					20900	9	1, 2
Stack Release Area (NNE)		X					14000	3	2
Stack Release Area (SSW)		X					8600	2	2
Buffer Zones			X				33800	4	2

<sup>a</sup>NRC Default Surface DCGLs=1, Site Specific Surface Soil DCGLs=2, Volumetric Concrete DCGLs=3

NOTE: SSGS Intake Tunnel has yet to be properly characterized and no structural surface area has been calculated.

\*Estimated with best available information.

\*\*Includes substation yard drainage area.

**Table 2-3a, Sample Results From SR-0006, SSGS West ~790' to 811' Elevation**

Sample No.	General Location Information	Sample Type	Cs-137 (pCi/g)	Co-60 (pCi/g)
SX10CF01813	Hole 1	Core Bore 3"D x 6"L	< 0.16	< 0.15
SX10CF01814	Hole 2	Core Bore 3"D x 6"L	< 0.14	< 0.11
SX10CF01815	Hole 3	Core Bore 3"D x 6"L	<b>0.32</b>	< 0.16
SX10CF01816	Hole 4	Core Bore 3"D x 6"L	<b>0.3</b>	< 0.15
SX10CF01817	Hole 5	Core Bore 3"D x 6"L	< 0.15	< 0.13
SX10CF01818	Hole 6	Core Bore 3"D x 6"L	<b>0.14</b>	< 0.19
SX10CF01819	Hole 7	Core Bore 3"D x 6"L	<b>0.35</b>	< 0.19
SX10CF01897	Southeast Sump Hole 1	Core Bore 3"D x 6"L	< 0.16	< 0.15
SX10CF01898	Southeast Sump Hole 2	Core Bore 3"D x 6"L	< 0.14	< 0.15
SX10CF01899	North Central Hole 1	Core Bore 3"D x 6"L	< 0.4	< 0.28
SX10CF01900	North Central Hole 2	Core Bore 3"D x 6"L	< 0.3	< 0.2
SX10CF01834	Central Area – Drain Trough South	1 liter of Concrete Rubble	<b>19.6</b>	< 0.09
SX10SD01917	North Manway	Scrape Sample	<b>0.1</b>	< 0.1
SX10SD01918	South Manway	Scrape Sample	<b>0.58</b>	< 0.1
SX10SD01927	18" Line in Northwest Corner	Scrape Sample	<b>0.9</b>	< 0.09
SX10SD01756	North Sump 4" Tie Line	Sediment	<b>6.1</b>	<b>0.41</b>
SX10SD01757	North Sump 2' Line	Sediment	<b>13.2</b>	< 0.29
SX10SD01762	Seal Chamber #1 – 8" Penetration	Sediment	<b>31</b>	< 0.1
SX10SD01761	Seal Chamber #3 – Upper 8" Penetration	Sediment	<b>0.2</b>	< 0.09
SX10SD01763	Seal Chamber #3 – Lower 8" Penetration	Sediment	<b>3.2</b>	< 0.1
SX10SD01774	South Sump 4" Tie Line	Sediment	<b>3.6</b>	< 0.13
SX10SD01775	South Wall ~806' EI, 8" Upper Drain Pipe	Sediment	<b>7.8</b>	< 0.07
SX10SD01776	South Wall ~803' EI, 8" Middle Drain Pipe	Sediment	<b>0.06</b>	< 0.1
SX10SD01777	South Wall ~803' EI, 8" Lower Drain Pipe	Sediment	<b>3.4</b>	< 0.15
SX10SD01839	790' EI South Sump	Sediment	<b>1.3</b>	< 0.09
SX10SD01964	Mezzanine <sup>†</sup> – East Wall Penetration	Sediment	<b>0.59</b>	< 0.4
SX10SD01965	Mezzanine <sup>†</sup> – Manway Northeast Corner	Sediment	<b>0.15</b>	< 0.12
SX10SD01966	Mezzanine <sup>†</sup> – Northeast Central Manway	Sediment	<b>6.7</b>	< 0.14
SX10SD01967	Mezzanine <sup>†</sup> – Northeast Central Small Pipe	Sediment	<b>1.4</b>	< 0.2
SX10SD01968	Mezzanine <sup>†</sup> – West Wall Penetration	Sediment	< 0.17	< 0.17

Direct frisk of the West section of the SSGS area floor and other selected locations indicated < 100 ncpm using a standard frisker probe with the exception of the a lower section of the Northwest wall between 0" and 6" above the floor, which ranged from about 200 to 400 ncpm. General area micro REM measurements ranged from about 3 to 5 micro REM per hour throughout (taken at ~1 meter above the floor). All smears taken in this area indicated < 1000 dpm per 100 centimeter square area (beta/gamma). Bold type face reports a > MDA value. <sup>†</sup>Area above Seal Chambers.

**Table 2-3b, Sample Results From SR-0004, SSGS East ~790' to 811' Elevation**

Sample No.	General Location Information	Sample Type	Cs-137 (pCi/L)	H-3 (pCi/L)
SX10WA01724	Northeast Sump	Water	<b>35</b>	< 255
SX10WA01726	Southeast Sump	Water	<b>12.8</b>	< 255
SX10WA011191	Southwest Sump	Water	< 16	< 318
Sample No.	General Location Information	Sample Type	Cs-137 (pCi/g)	Co-60 (pCi/g)
SX10SD01725	Northeast Sump	Sediment	<b>25.5</b>	<b>0.15</b>
SX10SD01727	Southeast Sump	Sediment	<b>88.1</b>	<b>0.53</b>
SX10SD01743	West Wall 8" Pipe Penetration	Sediment	<b>4.43</b>	< 0.08
SX10SD01744	Mezzanine <sup>†</sup> – 2" Pipe	Sediment	<b>84</b>	<b>3.8</b>
SX10SD01745	790' El Condenser Pump Pad Southwest	Sediment	<b>0.9</b>	< 0.06
SX10SD011192	Northwest Sump	Sediment	<b>10.9</b>	<b>0.15</b>
SX10CF01825	Hole # 1	Core Bore 3"D x 6"L	<b>3.1</b>	< 0.19
SX10CF01826	Hole # 2	Core Bore 3"D x 6"L	<b>3.7</b>	< 0.17
SX10CF01827	Hole # 3	Core Bore 3"D x 6"L	<b>109</b>	< 0.2
SX10CF01828	Hole # 4	Core Bore 3"D x 6"L	<b>464</b>	<b>1.4</b>
SX10CF01892	Hole # 5	Core Bore 3"D x 6"L	<b>0.91</b>	< 0.18
SX10CF01893	Hole # 6	Core Bore 3"D x 6"L	<b>4.68</b>	< 0.15
SX10CF01894	Hole # 7	Core Bore 3"D x 6"L	<b>0.9</b>	< 0.18
SX10CF01895	Hole # 8	Core Bore 3"D x 6"L	<b>1.0</b>	< 0.22
SX10CF01896	Hole # 9	Core Bore 3"D x 6"L	<b>57.3</b>	< 0.24
SX10CF01888	Northwest Sump Hole # 1	Core Bore 3"D x 6"L	< 0.17	< 0.14
SX10CF01889	Northwest Sump Hole # 2	Core Bore 3"D x 6"L	<b>0.31</b>	< 0.13
SX10CF01890	Southwest Sump Hole # 1	Core Bore 3"D x 6"L	<b>20.3</b>	< 0.24
SX10CF01891	Southwest Sump Hole # 2	Core Bore 3"D x 6"L	<b>10.6</b>	< 0.22
SX10CF011207	QA Sample	Core Bore 3"D x 6"L	<b>13.8</b>	< 0.13
SX10SD01915	Northwest Manway	Scrape	<b>0.56</b>	< 0.24
SX10SD01916	Southwest Manway	Scrape	<b>0.76</b>	< 0.16

Direct frisk of the East section of the SSGS area floor and other selected locations indicated a range of values from < 100 ncpm to as much as 1200 ncpm, using a standard frisker probe. The majority of elevated count rates were detected on the floor area. Walls were for the most part < 100 ncpm. General area micro REM measurements ranged from about 2 to 5 micro REM per hour throughout (taken at ~1 meter above the floor). All smears taken in this area indicated < 1000 dpm per 100 centimeter square area (beta/gamma). Bold type face reports a > MDA value.

<sup>†</sup>Area above Seal Chambers

**Table 2-3c, Sample Results From SR-0011, SSGS Center Section ~790' to 811' Elevation**

Sample No.	General Location Information	Sample Type	Cs-137 (pCi/g)	Co-60 (pCi/g)
SX10SD011215	Floor Trough & Drain - Center Section	Sediment	<b>4.6</b>	< 0.08
SX10OT011248	South Wall Penetration @ ~810' EI	Scrapings	<b>1.2</b>	< 0.16
SX10OT011249	South Wall Penetration @ ~808' EI	Scrapings	<b>0.96</b>	< 0.16
SX10SD011250	South Wall Penetration @ ~807' EI	Sediment	<b>0.12</b>	< 0.12
SX10OT011265	Floor Trough & Drain - Center Section	Sediment	<b>14.9</b>	< 0.1
SX10CF011208	QA Core Bore	Core Bore 3"D x 6"L	<b>0.12</b>	< 0.12
SX10CF011209	Core Bore # 1	Core Bore 3"D x 6"L	<b>0.13</b>	< 0.18
SX10CF011210	Core Bore # 2	Core Bore 3"D x 6"L	<b>0.3</b>	<b>0.16</b>
SX10CF011211	Core Bore # 3	Core Bore 3"D x 6"L	<b>0.42</b>	< 0.14
SX10CF011212	Core Bore # 4	Core Bore 3"D x 6"L	<b>6.0</b>	< 0.08
SX10CF011213	Core Bore # 5	Core Bore 3"D x 6"L	<b>0.19</b>	< 0.16

Direct frisk of the Center section of the SSGS area floor and other selected locations indicated a range of from < 100 ncpm to 300 ncpm (in one small area), using a standard frisker probe. The elevated count rate was detected on the base of the south wall. However, walls were for the most part < 100 ncpm. General area micro REM measurements ranged from about 4 to 5 micro REM per hour throughout (taken at ~1 meter above the floor). All smears taken in this area indicated < 1000 dpm per 100 centimeter square area (beta/gamma). Bold type face reports a > MDA value.

**Table 2-3d, Sample Results From SR-0012, SSGS Firing Isle, 806' Elevation**

Sample No.	General Location Information	Sample Type	Cs-137 (pCi/g)	Co-60 (pCi/g)
SX10CF010990	Hole # 1	Core Bore 3"D x 6"L	< 0.18	< 0.17
SX10CF010991	Hole # 2	Core Bore 3"D x 6"L	<b>0.33</b>	< 0.1
SX10CF010992	Hole # 3	Core Bore 3"D x 6"L	< 0.12	< 0.11
SX10CF010993	Hole # 4	Core Bore 3"D x 6"L	< 0.12	< 0.1
SX10CF010994	Hole # 5	Core Bore 3"D x 6"L	<b>0.13</b>	< 0.11
SX10CF010995	QC Hole # 1	Core Bore 3"D x 6"L	< 0.16	< 0.15
SX10SD010768	Drain # 1	Sediment	<b>2.8</b>	< 0.1
SX10SD010769	Drain # 2	Sediment	<b>1.6</b>	< 0.1
SX10SD010770	Drain # 3	Sediment	<b>2.4</b>	< 0.08
SX10SD010771	Drain # 4	Sediment	<b>9.3</b>	<b>0.3</b>
SX10SD010772	Drain # 5	Sediment	<b>0.62</b>	< 0.08
SX10SD010779	Drain # 6	Sediment	<b>7.2</b>	< 0.09
SX10SD010781	Drain # 7	Sediment	<b>5.77</b>	<b>0.22</b>
SX10SD010778	6" Drains	Sediment	<b>1.3</b>	< 0.13
SX10SD011000	Sump Pit	Sediment	<b>0.9</b>	< 0.05

Direct frisk of the Firing Aisle of the SSGS area indicated < 100 ncpm using a standard frisker probe. General area micro REM measurements ranged from about 3 to 5 micro REM per hour throughout (~1 meter above the floor). All smears taken in this area indicated < 1000 dpm per 100 centimeter square area (beta/gamma). Bold type face reports a > MDA value.

**Table 2-3e, Sample Results From SWI-99-069, SSGS Discharge Tunnel**

Sample No.	General Location Information	Sample Type	Cs-137 (pCi/L)	H-3 (pCi/L)
SX5DW99176	Seal Chamber # 1	Water	< 8	<b>220</b>
SX5DW99175	Seal Chamber # 2	Water	< 5	<b>150</b>
SX5DW99177	Seal Chamber # 3	Water	<b>20</b>	<b>200</b>
SX5DW99178	~10' Position	Water	< 5	< 140
SX5DW99179	~170' Position	Water	< 5	< 140
SX5DW99180	~290' Position	Water	< 4	< 140
Sample No.	General Location Information	Sample Type	Cs-137 (pCi/g)	Co-60 (pCi/g)
SX13CF01739	Floor @ ~10' Position	Core Bore 3"D x 6"L	<b>0.5</b>	< 0.2
SX13CW01740	Wall @ ~13' Position	Core Bore 3"D x 6"L	<b>1.3</b>	< 0.2
SXCF998	Floor @ ~38' Position	Core Bore 3"D x 6"L	< 0.26	< 0.2
SX13CF01737	Floor @ ~60' Position	Core Bore 3"D x 6"L	< 0.23	< 0.17
SX13CF01738	Floor @ ~60' Position	Core Bore 3"D x 6"L	<b>0.25</b>	< 0.43
SX13CF01734	Floor @ ~110' Position	Core Bore 3"D x 6"L	< 0.18	< 0.19
SX13CW01736	Wall @ ~111' Position	Core Bore 3"D x 6"L	<b>18.4</b>	< 0.19
SX13CW01735	Wall @ ~115' Position	Core Bore 3"D x 6"L	<b>31.5</b>	< 0.14
SX13CW01733	Wall @ ~147' Position	Core Bore 3"D x 6"L	< 0.17	< 0.18
SX13CF01732	Floor @ ~150' Position	Core Bore 3"D x 6"L	< 0.2	< 0.18
SX13CW01731	Wall @ ~189' Position	Core Bore 3"D x 6"L	< 0.17	< 0.14
SX13CF01730	Floor @ ~200' Position	Core Bore 3"D x 6"L	<b>0.17</b>	< 0.24
SX13CF01729	Floor @ ~270' Position	Core Bore 3"D x 6"L	< 0.43	< 0.39
SX13CF01728	Floor @ ~340' Position	Core Bore 3"D x 6"L	< 0.2	< 0.22
SX13CW01702	Wall (Not Designated)	Concrete Rubble	<b>0.41</b>	< 0.06
SX13CW000649	Wall @ ~65' Position	Concrete Rubble	<b>0.26</b>	< 0.09
SX5CC000675	Ceiling @ ~105' Position	Concrete Rubble	<b>1.4</b>	< 0.08
SX5CW00661	Wall @ ~195' Position	Concrete Rubble	< 0.1	< 0.05
SX5CF000673	Floor @ ~195' Position	Concrete Rubble	<b>0.55</b>	< 0.13
SX13CF01709	Sump Hole @ ~350' Position	Concrete Rubble	< 0.1	< 0.08
SX10SD990033*	Seal Chamber # 1, 6" Discharge Pipe	Sediment	<b>4800</b>	<b>30</b>
SX5SD99257*	Seal Chamber # 2 Floor	Sediment	<b>1.9</b>	< 0.6
SX5SD99254	Seal Chamber # 2, 6" Pipe Internals	Sediment	< 0.6	< 0.4
SX5SD99258*	Seal Chamber # 3 Floor	Sediment	<b>43</b>	< 0.3
SX5SD99256*	~170' Position, 8" Pipe Internals	Sediment	<b>2.2</b>	< 0.15
SX5SD99255*	~170' Position, 15" Pipe Internals	Sediment	<b>2.2</b>	< 0.3
SX5SD99252*	~140' Position, 18" Pipe Internals	Sediment	<b>3.8</b>	< 0.5
SX13SD00365	~140' Position, 50' Down 18" Pipe	Sediment	<b>3.1</b>	< 0.12
SX10SD990031	Wall Scraping	Sediment	<b>120</b>	<b>0.84</b>
SX10SD990022	Floor @ ~0' Position Below Entrance	Sediment	<b>21.2</b>	< 3
SX5SD99263	Floor @ ~20' Position	Sediment	<b>2.1</b>	< 0.3
SX5SD99259*	Floor @ ~30' Position	Sediment	<b>27</b>	< 0.9
SX5SD99261*	Floor @ ~100' Position	Sediment	<b>4.3</b>	< 0.4
SX5SD99260	Floor @ ~160' Position	Sediment	<b>1.1</b>	< 0.3
SX5SD99253	Floor @ ~220' Position	Sediment	<b>1.4</b>	< 0.3
SX5SD99262*	Floor @ ~330' Position	Sediment	<b>7.0</b>	< 0.3
SX5SD99265	Floor @ ~390' Position	Sediment	<b>2.0</b>	< 0.14
SX5SD99267	Floor @ ~550' Position	Sediment	<b>2</b>	< 0.16
SX5SD99268	Floor @ ~490' Position	Sediment	<b>2.2</b>	< 0.2
SX5SD99264	Floor @ ~670' Position	Sediment	<b>1.6</b>	< 0.2

Direct frisk of the Discharge Tunnel area (floors, Walls & Ceiling) indicated a range of from < 100 ncpm up to a maximum of 500 ncpm using a standard frisker probe. The vast majority of elevated readings were near seal chamber # 3 on wall surfaces or were on piping that has now been removed. The majority of other Discharge Tunnel concrete surfaces were < 100 ncpm. General area micro REM measurements ranged from about 2 to 6 micro REM per hour throughout (~1 meter above the floor). All smears taken in this area indicated < 1000 dpm per 100 centimeter square area (beta/gamma). Bold type face reports a > MDA value. Sample numbers with an "\*" also contained positively identified TRU radionuclides.

**Table 2-3f, Sample Results From SR-0008, Northeast End of SSGS Discharge Tunnel**

Sample No.	General Location Information	Sample Type	Cs-137 (pCi/L)	H-3 (pCi/L)
SX10DW01784	~460' Position	Water	<b>25</b>	< 253
SX10DW01783	~530' Position	Water	<b>540</b>	< 253
SX10DW01785	~580' Position	Water	<b>16</b>	< 253
SXDW1009	QA ~620' Position	Water	< 17	< 325
SX10DW01786	~690' Position	Water	< 14	< 253
Sample No.	General Location Information	Sample Type	Cs-137 (pCi/g)	Co-60 (pCi/g)
SX10CF01807	Floor @ ~350' Position	Core Bore 3"D x 6"L	<b>0.14</b>	< 0.13
SXCF999	QA Floor @ ~370' Position	Core Bore 3"D x 6"L	< 0.2	< 0.12
SX10CF01808	Floor @ ~420' Position	Core Bore 3"D x 6"L	<b>0.3</b>	< 0.17
SX10CF01809	Floor @ ~490' Position	Core Bore 3"D x 6"L	< 0.23	< 0.2
SX10CF01810	Floor @ ~560' Position	Core Bore 3"D x 6"L	<b>0.27</b>	< 0.2
SX10CF01811	Floor @ ~630' Position	Core Bore 3"D x 6"L	< 0.49	< 0.4
SX10CF01812	Floor @ ~690' Position	Core Bore 3"D x 6"L	< 0.18	< 0.2
SX10SD01923	Floor @ ~700' Position	Rubble	<b>0.14</b>	< 0.04
SX10SD01924	Floor @ ~700' Position	Rubble	<b>0.06</b>	< 0.06
SX10SD01787	Floor @ ~350' Position	Sediment	<b>2.4</b>	< 0.08
SX10SD01788	Floor @ ~380' Position	Sediment	<b>2.8</b>	< 0.1
SX10SD01789	Floor @ ~410' Position	Sediment	<b>2.2</b>	< 0.1
SX10SD01792	Floor @ ~440' Position	Sediment	<b>2.8</b>	< 0.09
SX10SD01793	Floor @ ~470' Position	Sediment	<b>2.6</b>	< 0.11
SX10SD01794	Floor @ ~500' Position	Sediment	<b>2.2</b>	< 0.1
SX10SD01795	Floor @ ~530' Position	Sediment	<b>1.8</b>	< 0.1
SX10SD01796	Floor @ ~560' Position	Sediment	<b>1.9</b>	< 0.1
SX10SD01797	Floor @ ~590' Position	Sediment	<b>1.8</b>	< 0.1
SX10SD01798	Floor @ ~620' Position	Sediment	<b>1.6</b>	< 0.1
SXSD1008	QA Floor @ ~620' Position	Sediment	<b>1.8</b>	< 0.06
SX10SD01799	Floor @ ~650' Position	Sediment	<b>1.8</b>	< 0.1
SX10SD01800	Floor @ ~680' Position	Sediment	<b>1.9</b>	< 0.09

Direct frisk of the Discharge Tunnel area indicated < 100 ncpm using a standard frisker probe. General area micro REM measurements ranged from about 3 to 5 micro REM per hour throughout (~1 meter above the floor). All smears taken in this area indicated < 1000 dpm per 100 centimeter square area (beta/gamma). Bold type face reports a > MDA value.

**Table 2-3g, Sample Results From SR-0014, SSGS Spray Pump Pit**

Sample No.	General Location Information	Sample Type	Cs-137 (pCi/L)	H-3 (pCi/L)
SX10DW01902	SPP General Area	Water	< 16.8	<b>253</b>
Sample No.	General Location Information	Sample Type	Cs-137 (pCi/g)	Co-60 (pCi/g)
SX10CF01820	Hole # 1	Core Bore 3"D x 6"L	<b>0.09</b>	< 0.16
SX10CF01821	Hole # 2	Core Bore 3"D x 6"L	<b>0.15</b>	< 0.12
SX10CF01832	Hole # 3	Core Bore 3"D x 6"L	<b>0.16</b>	< 0.13
SX10CF01988	West QC Hole # 1	Core Bore 3"D x 6"L	<b>0.18</b>	< 0.11
SX10SD01904	SPP General Area	Sediment	<b>0.37</b>	< 0.05
SX10SD01905	SPP General Area	Sediment	<b>0.58</b>	< 0.08
SX10SD011301	Inside Spray Pond Pipe	Sediment	< 0.06	< 0.06
SX10SD011351	Inside Spray Pond Pipe QC	Sediment	<b>0.03</b>	< 0.05

Direct frisk of the Firing Aisle of the SSGS area indicated < 100 ncpm using a standard frisker probe. General area micro REM measurements ranged from about 3 to 4 micro REM per hour throughout (~1 meter above the floor). All smears taken in this area indicated < 1000 dpm per 100 centimeter square area (beta/gamma). Bold type face reports a > MDA value.

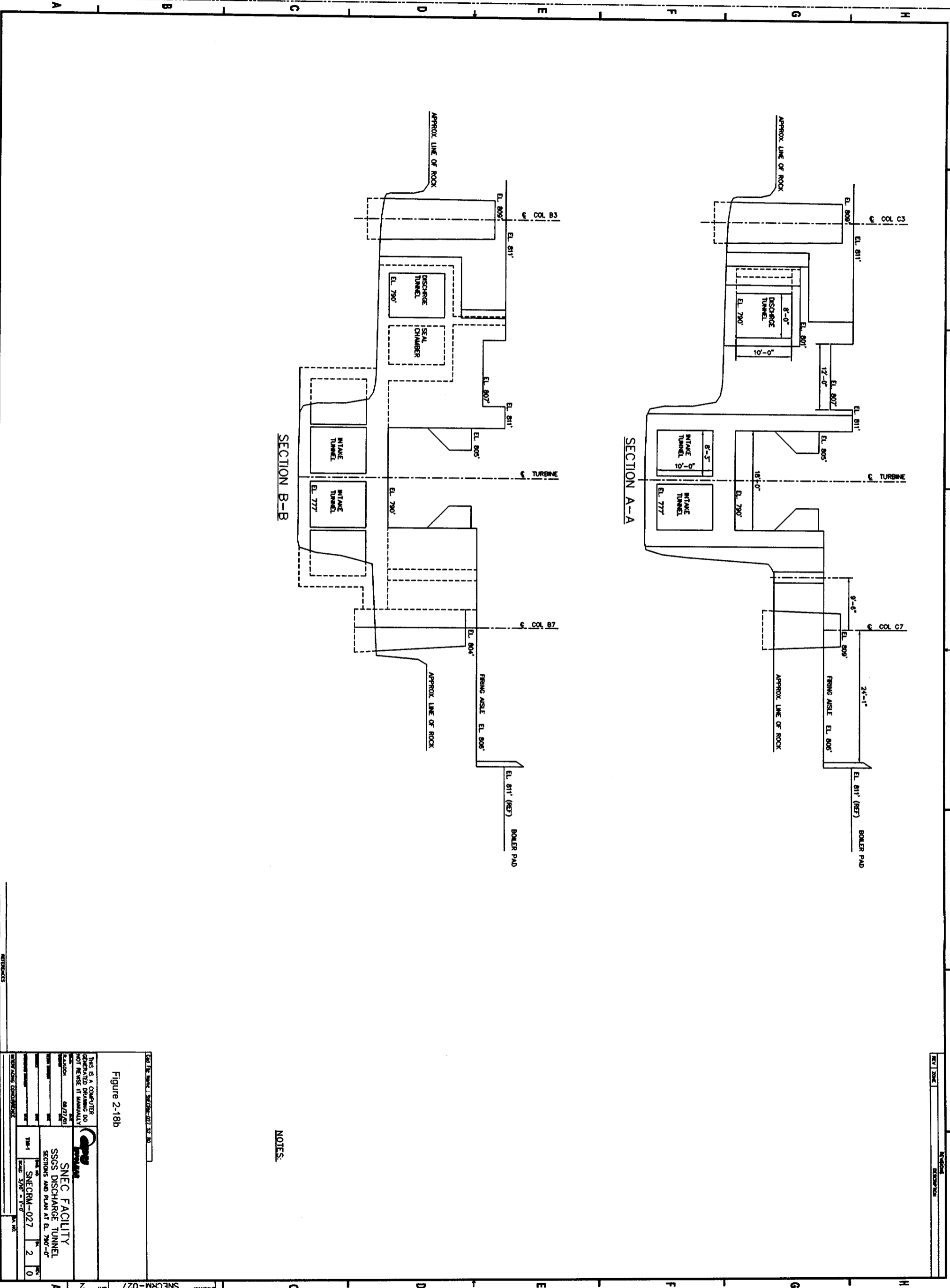
**Table 2-3h, Sample Results From SR-0015, SSGS Discharge Tunnel 18" Line**

Sample No.	General Location Information	Sample Type	Cs-137 (pCi/g)	Co-60 (pCi/g)
SX10SD01938	18" Line ~37' from NW corner of SSGS area toward Screen Room of Intake Tunnel	Sediment	3.2	< 0.15
SX10SD01939	18" Line ~42' from NW corner of SSGS area toward Screen Room of Intake Tunnel	Sediment	4.2	< 0.1
SXSD953	18" Line ~60' from NW corner of SSGS area toward Screen Room of Intake Tunnel	Sediment	1.8	< 0.11

**Table 2-3i, Sample Results From SR-0007, Open Land Area Near SSGS Tunnels**

Sample No.	General Location Information	Sample Type	Cs-137 (pCi/g)	Co-60 (pCi/g)
SX11SL01836	OW7 Test Pit in BG-133 (Surface Sample)	Soil	<b>0.7</b>	< 0.1
SX11SL01835	OW7 Test Pit in BG-133 (0' – 3' Below Grade)	Soil	< 0.13	< .14
SX11SL01837	OW7 Test Pit in BG-133 (3' – 6' Below Grade)	Soil	<b>0.2</b>	< 0.11
SX11SL01838	OW7 Test Pit in BG-133 (6' – 9' Below Grade)	Soil	< 0.09	< 0.11
SX11SL01849	OP3 Test Pit in BK-135 (Surface Sample)	Soil	<b>0.13</b>	< 0.12
SX11SL01850	OP3 Test Pit in BK-135 (3' Below Grade)	Soil	< 0.1	< 0.1
SX11SL01851	OP3 Test Pit in BK-135 (6' Below Grade)	Soil	< 0.07	< 0.07
SX11SL01852	OP3 Test Pit in BK-135 (9' Below Grade)	Soil	< 0.08	< 0.09
SX11SL01853	OP3 Test Pit in BK-135 (12' Below Grade)	Soil	< 0.06	< 0.14
SX11SL01854	OP3 Test Pit in BK-135 (15' Below Grade)	Soil	< 0.06	< 0.07
SX11SL01855	OW7R in BG-133 (Surface Sample)	Soil	<b>0.19</b>	< 0.08
SX11SL01856	OW7R in BG-133 (0' – 3' Below Grade)	Soil	<b>0.09</b>	< 0.07
SX11SL01857	OW7R in BG-133 (3' – 6' Below Grade)	Soil	<b>0.11</b>	< 0.06
SX11SL01858	OW7R in BG-133 (6' – 9' Below Grade)	Soil	< 0.1	< 0.12
SX11SL01859	OW7R in BG-133 (9' – 13' Below Grade)	Soil	< 0.05	< 0.06
SX11SL01860	OW7 in BG-133 (Surface Sample)	Soil	<b>0.14</b>	< 0.07
SX11SL01861	OW7 in BG-133 (0' – 3' Below Grade)	Soil	<b>0.17</b>	< 0.05
SX11SL01862	OW7 in BG-133 (3' – 6' Below Grade)	Soil	< 0.07	< 0.08
SX11SL01863	OW7 in BG-133 (6' – 8' Below Grade)	Soil	< 0.06	< 0.06
SX11SL01864	OW7R in BG-133 (15' – 18' Below Grade)	Soil	< 0.08	< 0.08
SX11SL01865	OW7R in BG-133 (18' – 21' Below Grade)	Soil	< 0.07	< 0.08
SX11SL01866	OW7R in BG-133 (21' – 24' Below Grade)	Soil	< 0.07	< 0.08
SX11SL01867	OW7R in BG-133 (24' – 27' Below Grade)	Soil	< 0.07	< 0.08
SX11SL01868	OW7R in BG-133 (27' – 30' Below Grade)	Soil	< 0.07	< 0.08
SX11SL01869	OW7R in BG-133 (30' – 33' Below Grade)	Soil	< 0.07	< 0.08
SX11SL01870	OW7R in BG-133 (33' – 36' Below Grade)	Soil	< 0.06	< 0.08
SX11SL01871	OW7R in BG-133 (36' – 39' Below Grade)	Soil	< 0.05	< 0.06
SX11SL01872	OW7R in BG-133 (39' – 42' Below Grade)	Soil	< 0.06	< 0.06
SX11SL01873	OW7R in BG-133 (42' – 45' Below Grade)	Soil	< 0.07	< 0.08
SX11SL01874	OW7R in BG-133 (45' – 48' Below Grade)	Soil	< 0.07	< 0.08
SX11SL01875	OW7R in BG-133 (48' – 50' Below Grade)	Soil	< 0.07	< 0.08
SX11SL01876	OP4 in BI-135 (Surface Sample)	Soil	< 0.06	< 0.07
SX11SL01877	OP4 in BI-135 (0' – 3' Below Grade)	Soil	<b>0.73</b>	< 0.06
SX11SL01878	OP4 in BI-135 (3' – 6' Below Grade)	Soil	< 0.05	< 0.06
SX11SL01879	OP4 in BI-135 (6' – 9' Below Grade)	Soil	< 0.04	< 0.04
SX11SL01880	OP4 in BI-135 (9' – 12' Below Grade)	Soil	<b>0.037</b>	< 0.06
SX11SL01881	OP4 in BI-135 (12' – 15' Below Grade)	Soil	< 0.07	< 0.07
SX11SL01883	OP4 in BI-135 (15' – 19' Below Grade)	Soil	< 0.04	< 0.04
SX11SL01884	OP4 in BI-135 (15' – 21' Below Grade)	Soil	< 0.07	< 0.08

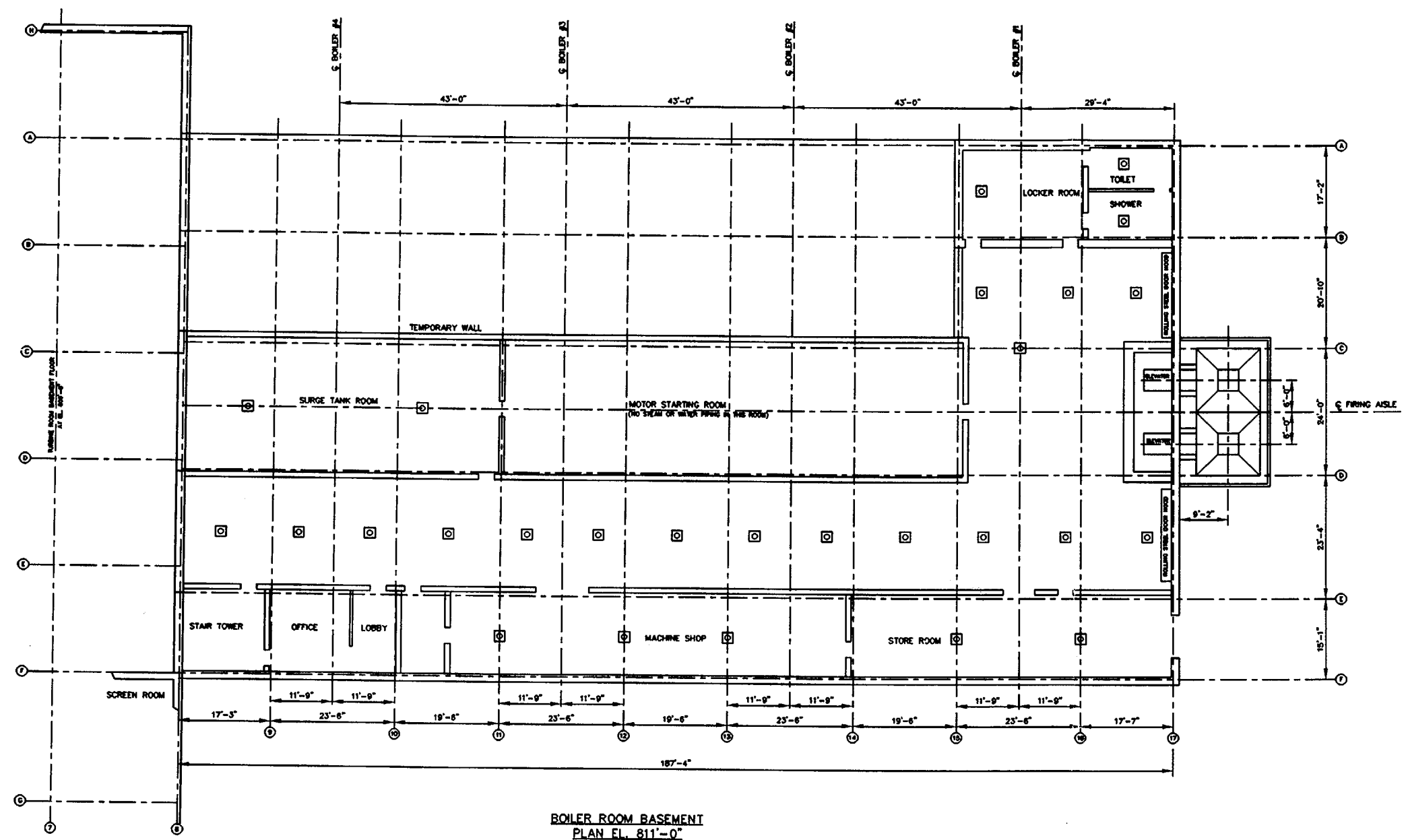
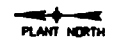




NOTES:

Figure 2-18b

THIS IS A COMPUTER GENERATED DRAWING. DO NOT REUSE IT MANUALLY.	
DATE: 09/27/07	
DRAWN BY: [Signature]	
CHECKED BY: [Signature]	
PROJECT: SNEC FACILITY SSGS DISCHARGE TUNNEL SECTIONS AND PLAN AT EL. 790-0'	
DATE: 09/27/07	TIME: 1
DATE: 09/27/07	TIME: 2
DATE: 09/27/07	TIME: 0



BOILER ROOM BASEMENT  
PLAN EL. 811'-0"

NOTES:

LEGEND

⊗ FLOOR DRAIN

Cust. File Name: SNECRM-031 ST. B0	
Figure 2-18c	
THIS IS A COMPUTER GENERATED DRAWING DO NOT REVISE IT MANUALLY	
DATE: 08/27/01	BY: RAJAOOH
SNEC FACILITY SSGS - BOILER ROOM BASEMENT PLAN FLOOR EL. 811'-0"	
SNECRM-031	REV: 1
SCALE: AS NOTED	BA NO. 0
SIGNATURES: CONFORMANCE	

NO.	CHG. NO.	TITLE

A  
B  
C  
D  
E  
F  
G  
H

8 7 6 5 4 3 2 1

SNECRM-031