

**From:** Cynthia.Williams [REDACTED]  
**Sent:** Thursday, October 21, 2010 11:51 AM  
**To:** Dimarzio, John A.  
**Subject:** Fw: Request for Information Review and Release has been Approved , 10/22/2010 , SRNS-J2220-2010-00195 , SPD SEIS DATA CALL RESPONSE, Rev=0

**Attachments:** E-Area Data Call-101210.doc  
More E Area data.

Cynthia Williams



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The following doc has received STI approval.



**Request for Information Review and Release**

**Process complete** - Request for Information Review and Release was **APPROVED** 

This Request for Information Review and Release , submitted by Clayton Shedrow, has finished the approval process and has been Approved for Public Release.

**Click here to view the Information Review and Release ==>**

[Link](#)

### Abbreviated E-Area Data Request for the SPD SEIS

Requested Information	E-Area
<b>Water Resources</b>	
Please provide information on surface water drainage patterns and storm-water management system.	See attachment – Burial Ground Drainage Drwg
Please provide groundwater monitoring data/studies including depth to water table (feet below ground surface) and direction of groundwater flow.	See attachment – SRNL-L3200-2010-00013
Please provide information needed to update water use values in the attached table.	See table.
<b>Air Quality and Noise update</b>	
Describe significant sources of air emissions.	Insignificant Sources - AQC Permit TV-0080-0041
Please provide recent ambient noise monitoring data for the area, if available	None
<b>Ecological Resources</b>	
Please provide information on any recent biological surveys that have taken place in this area. What did they find?	None
<b>Human Health – Normal Operations</b>	
Worker radiological exposure data for the most recent 5 years. Please provide data in terms of annual average worker dose (mrem) and annual total worker dose (person-rem)	See attachment – SWM Dose Data
Would you expect future worker dose to be more or less than the 5 year average dose? Please explain why?	During the SPD activity time period, expect no change to the worker dose.
<b>Human Health – Accidents</b>	
Have there been any waste handling accidents in this area? If so, please describe. Were there any resulting health effects?	See attachments – Recovery Plan and Type B
<b>Cultural Resources</b>	
Please provide information on any recent archeological surveys that have taken place in this area. What did they find?	None
Are any structures in this area National Register of Historic Places (NRHP)-eligible?	None
<b>Socioeconomics</b>	
Any projected change in future employment in this area?	No
<b>Infrastructure</b>	
Please provide information needed to update infrastructure values in the attached table.	See table.
<b>Waste Management</b>	
Please provide information needed to update waste generation values in the attached table.	See table.

Please check the WIPP data call response “2010 SPD SEIS Disposition WIPP Data Call.doc”  
Are the responses presented in that data call still accurate?

**Table 3-X Current Use of Infrastructure Resources**

<i>Resource</i>	<i>K-Area</i> <sup>a</sup>	<i>E-Area</i> <sup>a</sup>	<i>H-Area</i> <sup>a</sup>	<i>F-Area</i> <sup>b</sup>	<i>S-Area</i> <sup>c</sup>
<b>Electricity</b>					
Power Consumption (megawatt-hours per year) <sup>a</sup>	7,400	2,900	83,000	36,000	46,000
Peak Load (megawatts) <sup>b</sup>	5.8	N/A	24.7	10	6
<b>Diesel/Fuel Oil (gallons per year)</b> <sup>a</sup>	250,000	N/A	N/A	N/A	N/A
<b>Domestic Water (gallons per year)</b> <sup>a</sup>	4,200,000	20,000	134,000,000	62,000,000	13,000,000

N/A = not applicable.

<sup>a</sup> Totals rounded to two significant figures from information included in SRS Infrastructure PQCD Report D7257000, FY09 (SRS 2010).

<sup>b</sup> WSRC 2008a.

<sup>c</sup> Fuel oil is not used in H-, F-, or S-Areas. Coal is not used in A-, K-, H-, F-, or S-Areas.

Note: To convert gallons to liters, multiply by 3.7854.

**Table 3-X Fiscal Year 2009 Domestic Water Consumption (thousand gallons)**

<i>K-Area</i>	<i>H-Area</i>	<i>F-Area</i>	<i>E-Area</i>	<i>S-Area</i>	<i>Total</i>
4,232	133,975	62,254	20	13,018	213,499

Note: To convert gallons to liters, multiply by 3.7854.

Source: SRS 2010.

**Table 3-X Solid Waste Generation Rates at the Savannah River Site (cubic meters)**

<i>Waste Type</i>	<i>Savannah River Site – Total</i>		<i>K-Area</i>		<i>H-Canyon</i>		<i>HB-Line</i>		<i>DWPF</i>		<i>E-Area</i>	
	<i>5-Year Average</i>	<i>FY 2009</i>	<i>5-Year Average</i>	<i>FY 2009</i>	<i>5-Year Average</i>	<i>FY 2009</i>	<i>5-Year Average</i>	<i>FY 2009</i>	<i>5-Year Average</i>	<i>FY 2009</i>	<i>5-Year Average</i>	<i>FY 2009</i>
Transuranic Waste <sup>a</sup>	120	63	0.0	0.2	3.1	0.0	27	11	0.1	0.0	0	0
Low-level Radioactive Waste	15,000	5,500	120	85	690	550	97	39	270	290	5	5
Mixed Low-level Radioactive Waste	100	26	1.5	3.2	1.5	0.0	0.7	0.6	1.2	0.0	0	0
Hazardous	92	57	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0
Sanitary <sup>b</sup>	2,300	2,300	N/A	N/A								
Construction and Demolition Debris <sup>c</sup>	72,000	74,000	N/A	N/A								

DWPF = Defense Waste Processing Facility; FY = fiscal year; N/A = not applicable or not available.

Source: SRNS 2010a (SRS Affected Environment 9/8/10).