Radiological Monitoring of Savannah River

- Tritium
- Gross Alpha/Beta
- Gamma
Non-Radiological Monitoring of Savannah River

- Sampling done on site streams only
- No river sampling performed
- Results are comparable to other waters of the state
Non-Radiological Monitoring of Savannah River Sample Parameters

- Temperature
- pH
- Dissolved Oxygen
- BOD
- Total Suspended Solid
- Turbidity
- Fecal Coliform
- Ammonia
- Nitrate/Nitrite
- Phosphorus
- TKN
- Alkalinity
- Cadmium
- Chromium
- Copper
- Iron
- Mercury
- Manganese
- Nickel
- Lead
- Zinc
- VOCs
- Pesticides
- PCBs
Fish Monitoring on the Savannah River

- Tritium
- Cesium-137
- Strontium 89/90
- Mercury
- Antimony
- Arsenic
- Cadmium
- Manganese
- Chromium
- Copper
- Lead
- Nickel
- Zinc
• Antimony
• Arsenic
• Cadmium
• Manganese
• Chromium
• Copper
• Lead
• Nickel
• Zinc
Summary

• SRS operations do have a negligible effect on the Savannah River.