

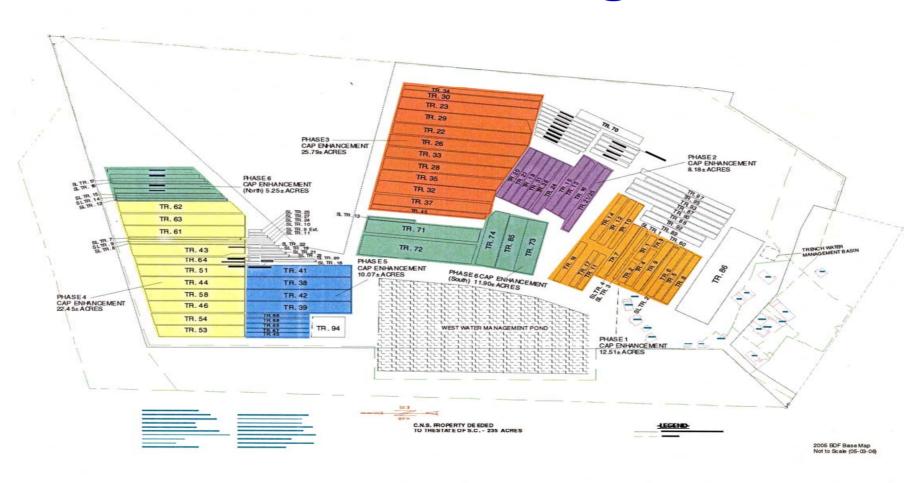


Barnwell Disposal Site Presentation Overview

- Current Disposal Operations
- Waste Volumes and Types
- Disposal Site Finances
- In-Region Operations Plans



Barnwell Site Configuration





Current Disposal Operations

Three Trench Designs

- Large (Class A) Waste Trench
- Class B/C Trench
- Slit Trench

Concrete Disposal Vaults or equivalent

- Liners, drums, boxes in standard vaults (cylindrical, rectangular, and slit trench)
- Large components encapsulated in specifically designed vaults
- Large components assessed as the vault



Disposal Trench in 2004





Class B/C Trench





Large Component Disposal





Volumes under Atlantic Compact

	Volume Allowed	Actual Volume		
FY 2000-2001	160,000 cu ft	125,989 cu ft		
FY 2001-2002	80,000 cu ft	57,763 cu ft		
FY 2002-2003	70,000 cu ft	65,656 cu ft		
FY 2003-2004	60,000 cu ft	59,516 cu ft		
FY 2004-2005	50,000 cu ft	43,260 cu ft		
FY 2005-2006	45,000 cu ft	44,988 cu ft		
FY 2006-2007	40,000 cu ft	(7/06 – 12/06) 14,031 cu ft		
FY 2007-2008	35,000 cu ft			

•Members: SC, CT, NJ. No out of compact waste after FY 07/08.



Barnwell Site Waste Types

	CY 2004 Volume CY		CY 2005	CY 2005 Volume		CY 2006 Volume	
Waste Types	CuFt	%	CuFt	%	CuFt	%	
Resins/Filter Media/Filters	27,358	48	23,419	54	18,149	48	
Dry Active Waste	12,358	22	8,861	21	10,867	28	
Reformed Residue	4,225	7	6,685	16	5,534	15	
Equipment & Components *	10,398	18	1,624	4	1,493	3	
Irradiated Hardware	920	2	1,498	3	1,379	4	
Solidified Liquids	519	1	493	1	285	1	
Sealed Sources, Devices and Gages	985	2	433	1	422	1	
Totals	56,763	100	43,013	100	38,129	100	

^{*} CY 2004 volume includes **7,507** cu.ft. for the CY RPV large component



Barnwell Site Class B/C Volumes

	FY 2001/2002	FY 2002/2003	FY 2003/2004	FY 2004/2005	FY 2005/2006
	(cu. ft.)	(cu. ft.)	(cu. ft.)	(cu. ft.)	(cu. ft.)
Atlantic Compact	5,819	4,495	11,942 ²	2,894	4,791
Texas Compact (2 states)	809	1,081	909	1,127	549
34 States w/o Access after 6/30/08	16,055	24,694 ¹	20,5243	16,923	14,761
Totals	22,683	30,270	33,375	20,944	20,101
Totals w/o RPVs	22,683	20,734	23,038	20,944	20,101

¹ Includes 9,536 cu.ft. for the ME Yankee RPV

² Includes 7,507 cu.ft. for the CY RPV

³ Includes 2,830 cu.ft. for the Big Rock RPV



Non- Atlantic Compact B/C Wastes (CY 2006)

Generator Segment	Class B (cu. ft.)	Class C (cu. ft.)	Total (cu. ft.)
Utility	8,260	7,248	15,508
Non-Utility	149	484	633
Medical	1	15	16
Projected Total	8,410	7,747	16,157



Barnwell Site Financials - Actuals

(\$ in millions)	FY 00/01	FY 01/02	FY 02/03	FY 03/04	FY 04/05	FY 05/06
Gross Revenue	\$69.3	\$33.2	\$37.8	\$39.2	\$29.7	\$29.2
Total cost of Operations	\$14.9	\$14.5	\$14.4	\$14.5	\$16.0	\$15.8
Payment to State of SC	\$46.3	\$22.2	\$30.0	\$24.8	\$14.0	\$12.3



Full Access Until June 30, 2008

- Volume commitments for both years near allowed limits
- Still accepting irradiated hardware and sealed sources
- Budget and Control Board volume hold incentive program to Atlantic Compact generators had little success



In-Region Operations Assumptions

- Operations for South Carolina, Connecticut, and New Jersey
- Annually 8,000 cu. ft. Class A,B,C wastes
- Two Trench Designs with progressive construction
- Accept existing packages including large components



Small Volume Site Objectives

- Operate safely and compliantly
- Optimize trench size / open time
 - Maintain operational doses ALARA
 - Minimize stormwater accumulation
- Considering campaign style receipts for cost effectiveness
- Use remaining disposal area efficiently



Barnwell Site Financials - Projections

(\$ in millions)	FY 06/07	FY 07/08	FY 08/09	FY 09/10	FY 10/11	FY 11/12
Gross Revenue	\$26.0	\$22.8	\$4.0	\$4.0	\$4.0	\$4.0
Total cost of Operations	\$14.8	\$14.4	\$7.6	\$7.6	\$7.6	\$7.6
Payment to State of SC	\$11.2	\$8.4				



Potential Funding Alternatives

- Increase Atlantic Compact Volume
- Change pricing structure to generate sufficient revenue (2nd year surcharges)
- Fund closed site maintenance and monitoring from the Extended Care Fund
- Obtain other funding or revenue sources



Legislative Action

- House Bill H3545 introduced on 2/15/07
- Referred to Committee on Agriculture, Natural Resources and Environmental Affairs on 2/15/07
- Amendments Requested
 - 40,000 cubic feet total annual volume limit
 - Including non-regional waste
 - FY 2008 through FY2023
 - Compact Commissioners to vote in favor
- www.truthaboutbarnwell.com