

ATLANTIC COMPACT COMMISSION

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Atlantic Compact Commission

History of LLRW Management in the Atlantic Compact (formerly the Northeast Compact)

- ▣ 1980 – Congress passed “Low-Level Radioactive Waste Policy Act
- ▣ 1985 – Northeast Compact ratified by Congress
- ▣ 1995 – SC Legislation re-opens the Barnwell facility
- ▣ 1999 – SC Nuclear Waste Task Force Recommends South Carolina join the Northeast Compact
- ▣ April 2000 – South Carolina Governor petitions the Northeast Compact for membership

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History of LLRW Management in the Atlantic Compact (formerly the Northeast Compact)

- ▣ June 2000 – Northeast Compact approves SC's petition
- ▣ July 1, 2000 – Atlantic Compact Commission has 3 member states: South Carolina, Connecticut and New Jersey

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Low-Level Radioactive Waste Disposal Compact Membership

Appalachian Compact: Delaware, Maryland, Pennsylvania *, West Virginia

Atlantic Compact: Connecticut, New Jersey, South Carolina *

Central Compact: Arkansas, Kansas, Louisiana, Nebraska *, Oklahoma

Central Midwest Compact: Illinois *, Kentucky

Northwest Compact: Alaska, Hawaii, Idaho, Montana, Oregon, Utah, Washington *, Wyoming

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Low-Level Radioactive Waste Disposal Compact Membership

Midwest Compact: Indiana, Iowa, Minnesota, Missouri, Ohio, Wisconsin

Rocky Mountain Compact: Colorado, Nevada, New Mexico

Northwest accepts Rocky Mountain wastes as agreed between compacts.

Southeast Compact: Alabama, Florida, Georgia, Mississippi, Tennessee, Virginia

Southwestern Compact: Arizona, California *, North Dakota, South Dakota

Texas Compact: Maine, Texas *, Vermont

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Atlantic Compact Implementation Act

FY 2001	160,000 cu ft
FY 2002	80,000 cu ft
FY 2003	70,000 cu ft
FY 2004	60,000 cu ft
FY 2005	50,000 cu ft
FY 2006	45,000 cu ft
FY 2007	40,000 cu ft
FY 2008	35,000 cu ft

After July 1, 2008, the importation of non-regional waste is prohibited.

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Present Commissioners

Elizabeth B. Partlow	Chair, South Carolina
Kevin T. A. McCarthy	Commissioner for Connecticut
Jill Lipoti, Ph.D.	Commissioner for New Jersey
Thomas W. Weeks, Esq.	Commissioner for South Carolina

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Atlantic Implementation Act

- ❑ For 8 years after July 1, 2000, non-regional waste will be allowed at Barnwell.
- ❑ After July 1, 2008, the importation of non-regional waste is prohibited.
- ❑ Completed 3 years of Regional Low Volume Operations at end of June 30, 2011.
- ❑ 1st Year - about 11,000 cu ft

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- ▣ 2nd Year – about 34,000 cu ft (including 4 steam generators LLRW from NJ)
- ▣ 3rd Year - about 10,000 cu ft
- ▣ Currently 7 operating reactors in SC; 4 in NJ; and 2 in CT
- ▣ Annual operating Costs for Barnwell paid by utilities operating the 13 reactors in the region.

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- ▣ Host State commitment - - will accept 800,000 cu ft of Low-Level Waste from CT and NJ generators
- ▣ Less than 75,000 cu ft utilized so far from NJ and CT generators.
- ▣ The limited remaining capacity at Barnwell will be utilized by mainly 13 nuclear plants in the region plus any new nuclear power plants that will be operational in the future.
- ▣ Revenue neutral operation. MOU between SC B&C Board and Chem-Nuclear in place since 2009.

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- ▣ The partnership is working well.
- ▣ Attempts to change the Atlantic Implementation Act in the past to allow non-regional low-level waste have been unsuccessful.
- ▣ Duke Energy and SCANA are proposing up to 4 new reactors.

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THANK YOU.

MAX BATAVIA, P.E., EXECUTIVE DIRECTOR