

**Perkins, Leslie**

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**From:** Klementowicz, Stephen  
**Sent:** Monday, September 27, 2010 12:25 PM  
**To:** Pham, Bo  
**Cc:** Perkins, Leslie  
**Subject:** Barnwell Low-Level Radioactive Waste Disposal Site

Bo, this is what is currently on the Barnwell web-site.

Steve K

## **Atlantic Interstate Low-Level Radioactive Waste Management Compact**

The Atlantic Interstate Low-Level Radioactive Waste Management Compact (formerly the Northeast Compact) was approved by Congress in January 1986. In 2000, South Carolina joined Connecticut and New Jersey as the third member state.

The Compact was formed in response to the Federal Low-Level Radioactive Waste Policy Act, 1980, which invited states to form interstate compacts for the disposal of radioactive waste. The Atlantic Compact regional disposal facility in Barnwell County, South Carolina, **will be limited to waste generated within the three-state region beginning July 2008.**

## **Radioactive Waste Disposal Program**

The South Carolina Budget and Control Board's Energy Office Radioactive Waste Disposal Program administers the following responsibilities for the Barnwell disposal site:

- Approving the release of money from the Decommissioning Trust Fund for the closure of the disposal site, as authorized by the Board;
- Financial planning for post-closure monitoring and maintenance of the site;
- Recommending charges and fees for disposal of waste for approval by the Board.

The Barnwell site is the regional disposal facility for low-level radioactive waste generated in the Atlantic Compact region. Formerly known as the Northeast Compact, the Atlantic Compact was approved by Congress in 1985. **South Carolina joined Connecticut and New Jersey as the third member state in 2000.**

The Barnwell site is limited to the disposal of Class A, B and C radioactive waste as defined by federal regulations. Waste that exceeds Class C concentration limits for radioactivity cannot be disposed at the Barnwell site and must await the development by the federal government of a deep geologic repository.

Chem-Nuclear, LLC, a subsidiary of EnergySolutions, Inc., operates the disposal site under a lease with the Board. The Department of Health and Environmental Control licenses and regulates the site and oversees the safety of disposal operations. The South Carolina Public Service Commission approves compensation for the disposal site operator to cover its costs of operating the site.

## **Perkins, Leslie**

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**From:** Pham, Bo  
**Sent:** Tuesday, September 28, 2010 9:50 AM  
**To:** Perkins, Leslie  
**Subject:** FW: ML102580564 - Evaluation of Severe Accident Mitigation Alternatives for Hope Creek Generating Station (TAC NO. ME1831)  
**Attachments:** ADAMS Document.ADC

FYI

### **Bo Pham**

Chief, Projects Branch 1  
Division of License Renewal  
Office of Nuclear Reactor Regulation  
U.S. Nuclear Regulatory Commission  
301-415-8450

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**From:** Curran, Bridget  
**Sent:** Tuesday, September 28, 2010 9:48 AM  
**To:** Pham, Bo  
**Cc:** Harrison, Donnie; Ghosh, Tina; Gallucci, Ray; RidsNrrDraApla Resource; Alexander, Cheryl; Moore, Mary  
**Subject:** ML102580564 - Evaluation of Severe Accident Mitigation Alternatives for Hope Creek Generating Station (TAC NO. ME1831)

Memorandum Dated: September 16, 2010

Memorandum To: Bo Pham, Chief  
Projects Branch 1  
Division of License Renewal  
Office of Nuclear Reactor Regulation

From: Donnie Harrison, Chief  
Probabilistic Risk Assessment Licensing Branch  
Division of Risk Assessment  
Office of Nuclear Reactor Regulation

Subject: Evaluation of Severe Accident Mitigation Alternatives for Hope Creek Generating Station (TAC NO. ME1831)

ML102580564

Bridget Curran  
Division Administrative Assistant  
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