U.S.NRC
UNITED STATES NUCLEAR REGULATORY COMMISSION
Protecting People and the Environment

PUBLIC MEETING

SUPPLEMENTAL SCOPING PROCESS
WILLIAM STATES LEE III NUCLEAR STATION, UNITS 1 & 2
ADDITION OF MAKE-UP POND C

JUNE 17, 2010

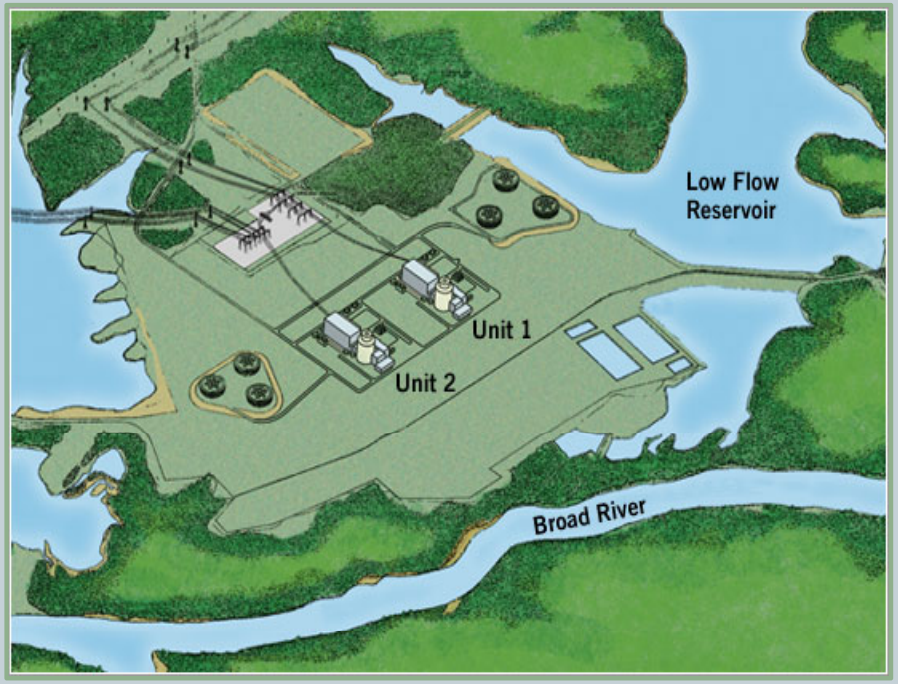
Anthony Hsia, Deputy Division Director
Sarah Lopas, Environmental Project Manager
LTC Jason A. Kirk, P.E., U.S. Army Corps of Engineers

Purposes of this meeting

- Describe what has changed with the Lee Nuclear Station project since the original scoping meeting back on May 1, 2008.
- Introduce the U.S. Army Corps of Engineers as a cooperating agency.
- Provide the schedule from today forward.
- Describe how you can provide comments on the addition of Make-Up Pond C.
- **Listen to and gather your comments on potential environmental impacts from Make-Up Pond C.**

Lee Nuclear Station COL Application Review

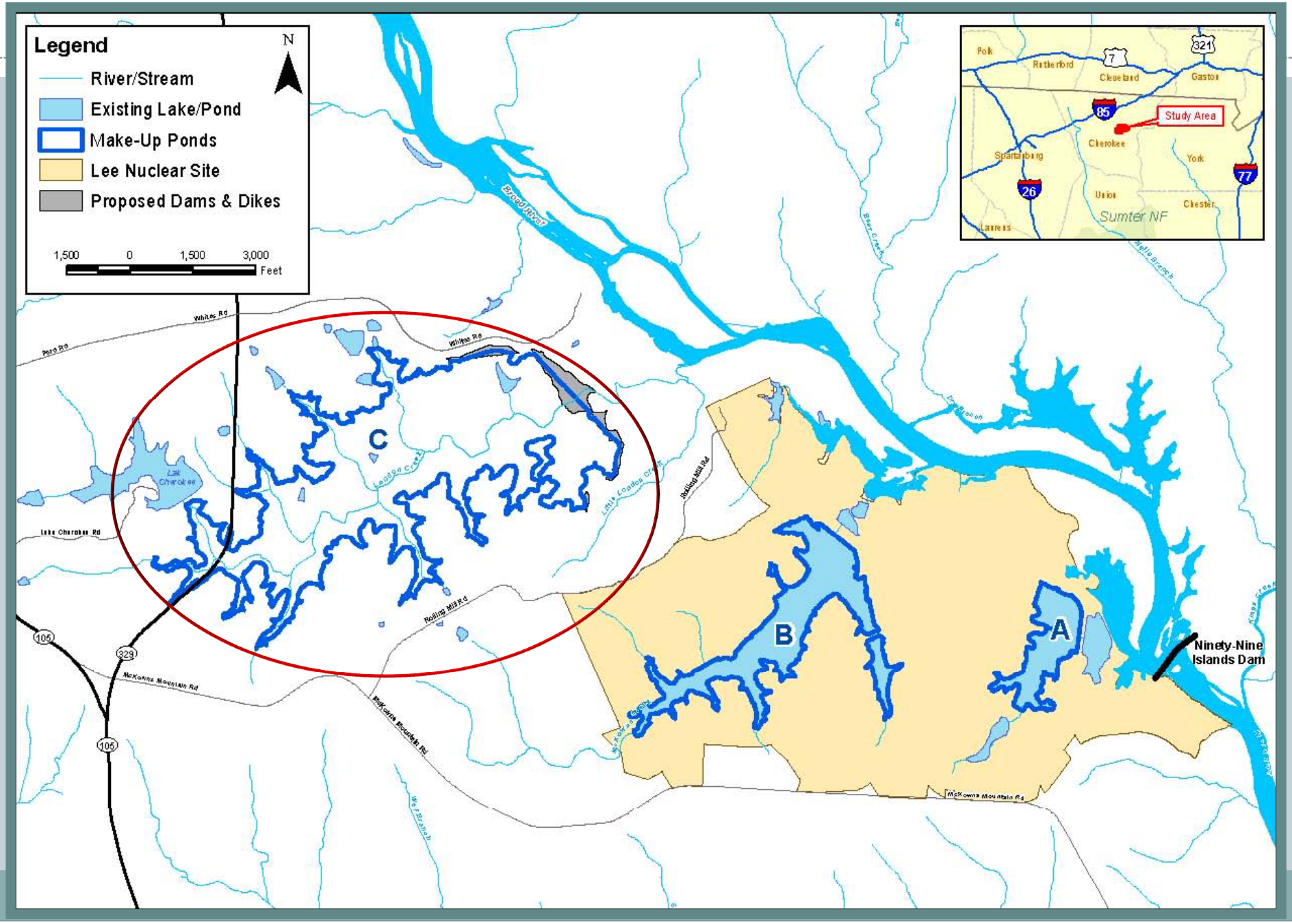
- In December 2007, Duke submitted an application to build and operate (COLs) the William States Lee Nuclear Station, Units 1 & 2.
- NRC safety and environmental reviews are ongoing…
  - NRC conducted the original environmental scoping process in spring of 2008.
- Environmental Impact Statement (EIS) will document the environmental impacts of building and operating two nuclear reactors at the Lee site in Gaffney, SC.



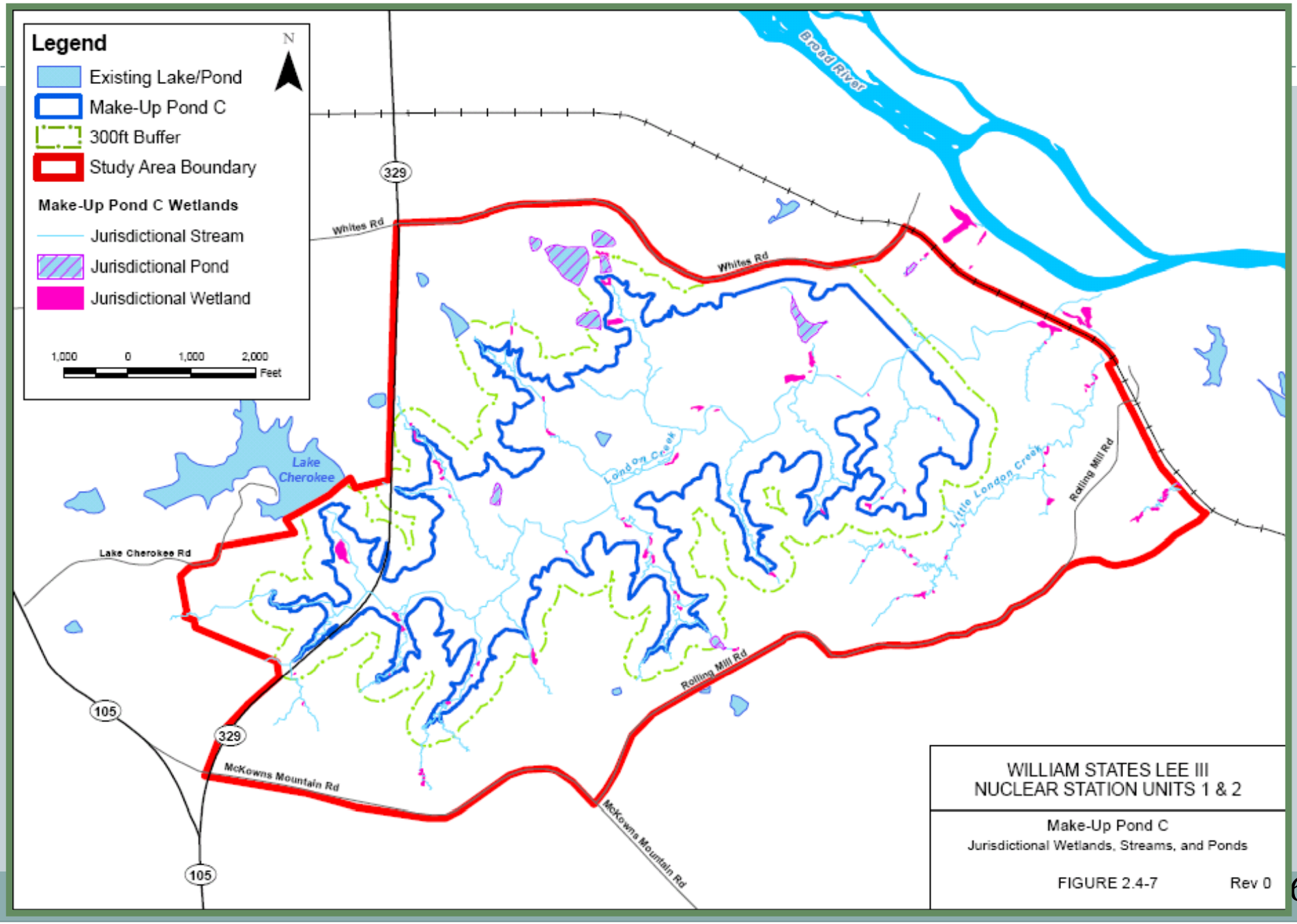
What has changed with the Lee project?

- Duke has proposed an additional reservoir – called **Make-Up Pond C** – to provide supplemental cooling water to the proposed reactors during periods of drought or low-flow in the Broad River.
- **Make-Up Pond C** –
  - Would be located offsite, northwest of the proposed Lee Nuclear Station site.
  - Would be created by impounding London Creek, a tributary to the Broad River.
  - Surface area would be ~620 acres, and would contain a total of ~22,000 acre-feet of water.
  - Drainage area would be ~2,500 acres (about 3.9 square miles).

Location of Make-Up Pond C



Make-Up Pond C



Cooperating Agency Environmental Review

- In September 2008, a Memorandum of Understanding (MOU) was established between the NRC and the U.S. Army Corps of Engineers (USACE) to ensure timely and efficient review of proposed nuclear power plant applications.
- The USACE, Charleston District, became a cooperating agency in the Lee Nuclear Station environmental review in March 2009.
- The NRC and USACE staff make up the Lee Nuclear Station environmental review team.

U.S. Army Corps of Engineers
PUBLIC HEARING

LTC Jason A. Kirk, P.E.
District Engineer and Commander
U.S. Army Corps of Engineers
Charleston District

June 17, 2010

US Army Corps of Engineers
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U.S. Army Corps of Engineers Regulatory Role and Authority

- USACE is the Federal agency responsible for administering Section 404 of the Clean Water Act.
- USACE regulates the discharge of dredged or fill material into virtually all waters of the United States.
- USACE permit decisions are “Federal actions” and must comply with the National Environmental Policy Act (NEPA).

Cooperating Agency Status

- NRC is serving as the “Lead Agency” in the preparation of the EIS for the Lee Nuclear Station.
- USACE is serving as a “Cooperating Agency” in the preparation of this EIS.
- The final EIS will serve as the environmental document on which USACE permit decisions will be based for this proposed project.

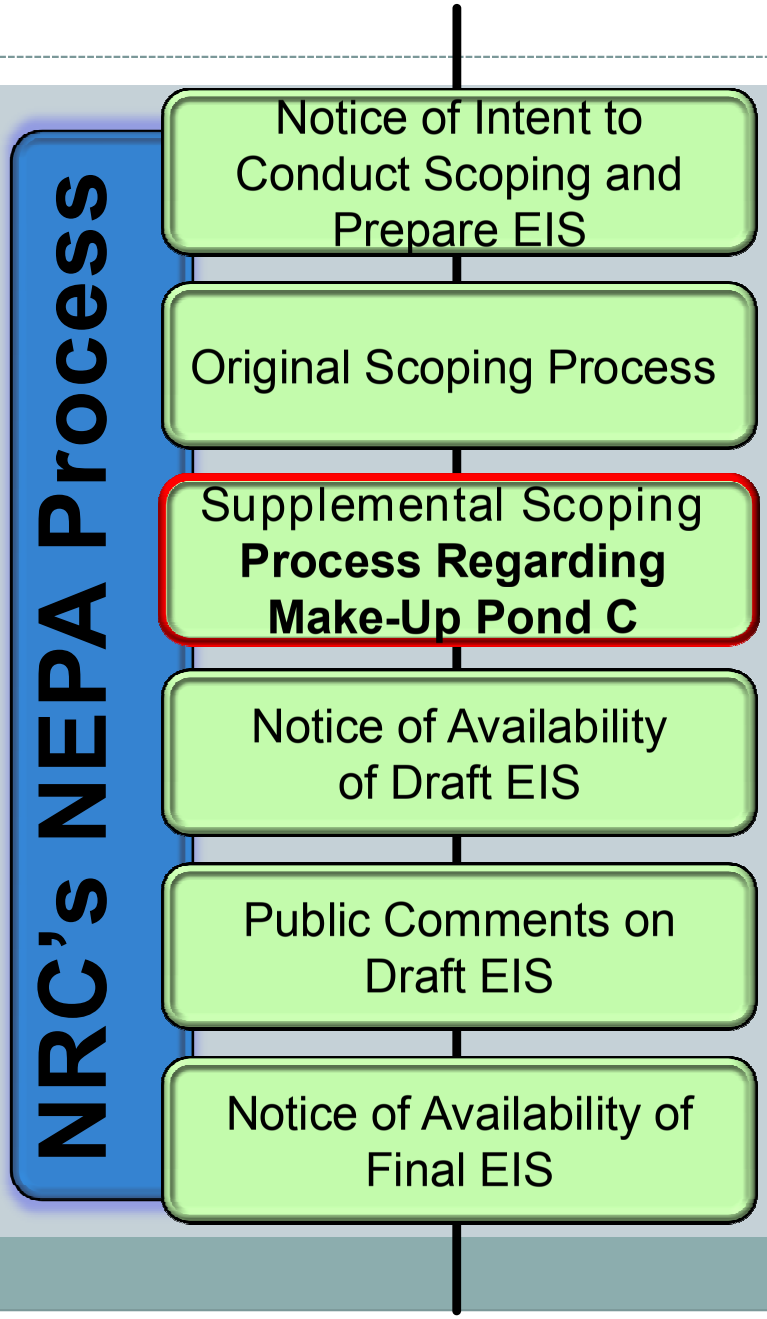
Public Participation with USACE

- Public involvement and participation are important to USACE and are critical to EIS preparation.
- Comments received regarding Make-Up Pond C at this meeting and during the remainder of the scoping period **(through July 2, 2010)** will be considered in the preparation of the draft EIS and subsequent permit decisions.

Supplemental Environmental Scoping Process

- Your comments related to Duke's plans to create Make-Up Pond C will help determine what the NRC and USACE should include in their environmental review.
- Comments on Make-Up Pond C will be accepted through July 2, 2010.
- A Supplemental Scoping Summary Report will be issued in November 2010 which will provide responses to all comments received.

Review Process & Schedule



- Published *Federal Register* notice on March 20, 2008.
- Scoping occurred March 20 through May 20, 2008. Scoping meeting held on May 1, 2008.
- **Published *Federal Register* notice for supplemental scoping on May 24, 2010. Comments on Make-Up Pond C due by July 2, 2010.**
- Draft EIS expected to be published in July 2011.
- Public meeting and 75-day comment period on the draft EIS.
- Final EIS expected to be published in August 2012.

NRC Contacts

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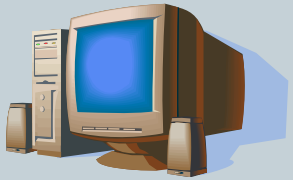

http://www.nrc.gov/reactors/new-reactors/col/lee.html

Cherokee County Public Library
300 E. Rutledge Avenue
Gaffney, SC 29340

Submitting Comments on Make-Up Pond C

Lee.COLAEIS@nrc.gov

http://www.nrc.gov/public-involve/doc-comment/form.html

Chief, Rulemaking, Directives, and Announcements Branch
Division of Administrative Services
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U.S. Nuclear Regulatory Commission
Washington DC, 20555-0001

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COMMENTS ARE DUE BY **JULY 2, 2010**