

June 12, 2000

APPLICANT: Southern Nuclear Operating Company

FACILITY: Edwin I. Hatch Nuclear Plant, Units 1 and 2

SUBJECT: SUMMARY OF SITE AUDIT TO SUPPORT REVIEW OF LICENSE RENEWAL  
APPLICATION OF HATCH (TAC NOS. MA8330 AND MA8332)

An environmental review team consisting of the Nuclear Regulatory Commission (NRC) staff and contractors from Pacific Northwest National Laboratory (PNNL) participated in a site audit at the Edwin I. Hatch Nuclear Plant, Units 1 and 2 (Hatch) on May 10 and 11, 2000, to support the review of the Hatch license renewal application. The team consisted of nine PNNL and five NRC staff. The primary goals of the site visit were to review documentation, gather information to ensure that environmental requirements of license renewal as codified in 10 CFR Part 51 are met, and to interface with officials in State and local government, and permitting and resource agencies to obtain related information. Attachment 1 is the list of NRC, PNNL, and Southern Nuclear Operating Company (SNC) representatives that participated in the audit.

The entire team participated in an overview meeting with SNC staff on Wednesday, May 10, 2000, before the environmental scoping meetings held later that day in Vidalia, Georgia. SNC's presentations provided a brief overview of the layout of the plant, followed by a guided site tour, focusing on areas relevant to the environmental review. These areas included the intake and discharge structures, independent spent fuel storage installation (ISFSI), cooling towers, meteorological tower, and an ecological tour of the site's forested and swamp areas. During the remainder of the site audit, review team members broke off into smaller groups with SNC representatives with corresponding environmental disciplines. These groups participated in various activities, including a boat tour of the Altamaha River to view the intake and discharge structures and automobile tours of the transmission line corridors. Environmental review team members discussed new and significant information identification methodology and other supporting documentation provided by SNC. No significant new information was identified.

In addition, during the site audit, review team members met offsite with staff representing state and local government agencies and various local business and service agencies, including the Georgia Department of Natural Resources, the Baxley/Appling and Toombs County Chambers of Commerce, and several staff and resources at the University of Georgia - Athens. No major problem areas were identified during these consultations.

At the conclusion of the site visit, the NRC and PNNL staff participated in a summary exit meeting with SNC representatives. The staff indicated that SNC provided an informative and well-represented site visit for the environmental review team. Some issues raised by the environmental review team during the Hatch site visit include:

1. There is no documented conclusion regarding possible impacts to the population of the endangered short-nosed sturgeon that spawns upstream of the Hatch intakes. Further consultation with the National Marine Fisheries Service must be completed or an alternative strategy will have to be considered relative to this issue prior to issuance of the draft SEIS.
2. The water flow schematic provided in the Hatch Environmental Report (Page C-104) was unreadable. Plant personnel located and provided a readable copy. However, the numbers were not current. SNC offered to provide a readable schematic with the current flow values through formal docket channels.
3. Plant representatives committed to locate and provide information regarding previous cultural surveys, which they believe were conducted in support of original plant construction and were alluded to in the earlier EIS documents. SNC also indicated that they would provide a copy of the cultural resource guidelines mentioned during the site discussion of the process that SNC had used to identify new and significant issues.

The NRC staff indicated that it did not identify any other issues during its site visit or the visits offsite with Federal, State, and local agencies. However, it further indicated that the review was ongoing, and that any additional information necessary to support the review would be formally requested as a request for additional information.

**/RA/**

James H. Wilson, Senior Project Manager  
Generic Issues, Environmental, Financial, and  
Rulemaking Branch  
Division of Regulatory Improvement Programs  
Office of Nuclear Reactor Regulation

Docket Nos. 50-321 and 50-366

Attachment: As stated

cc w/o atts: Mary Ann Parkhurst, PNNL  
Lenny Olshan, NRC/PM  
Service List

1. There is no documented conclusion regarding possible impacts to the population of the endangered short-nosed sturgeon that spawns upstream of the Hatch intakes. Further consultation with the National Marine Fisheries Service must be completed or an alternative strategy will have to be considered relative to this issue prior to issuance of the draft SEIS.
2. The water flow schematic provided in the Hatch Environmental Report (Page C-104) was unreadable. Plant personnel located and provided a readable copy. However, the numbers were not current. SNC offered to provide a readable schematic with the current flow values through formal docket channels.
3. Plant representatives committed to locate and provide information regarding previous cultural surveys, which they believe were conducted in support of original plant construction and were alluded to in the earlier EIS documents. SNC also indicated that they would provide a copy of the cultural resource guidelines mentioned during the site discussion of the process that SNC had used to identify new and significant issues.

The NRC staff indicated that it did not identify any other issues during its site visit or the visits offsite with Federal, State, and local agencies. However, it further indicated that the review was ongoing, and that any additional information necessary to support the review would be formally requested as a request for additional information.

**/RA/**

James H. Wilson, Senior Project Manager  
Generic Issues, Environmental, Financial, and  
Rulemaking Branch  
Division of Regulatory Improvement Programs  
Office of Nuclear Reactor Regulation

Docket Nos. 50-321 and 50-366

Attachment: As stated

**DISTRIBUTION:**

RGEB r/f	JHWilson	ADAMS/PUBLIC	Dmatthews/SNewberry	LOlshan
CGrimes	WBurton	BZalcman	CCarpenter	

Document Name:g:\rgeb\hatch\site visit\site audit summary

OFFICE	RGEB	SC:RGEB	C:RGEB	C:REXB
NAME	JHWilson	BZalcman	CCarpenter	CGrimes
DATE	6/8/00	6/8/00	6/9/00	6/12/00

ATTENDEES  
ENVIRONMENTAL SITE AUDIT FOR HATCH  
May 10-11, 2000

<u>NAME</u>	<u>ORGANIZATION</u>
Van Ramsdell	PNNL
Paul Nickens	PNNL
Duane A. Neitzel	PNNL
Cindi Carpenter	NRC
Mary Ann Parkhurst	PNNL
Bob Prato	NRC
Janice Moore	NRC
Antoinette Walker	NRC
Mike Scott	PNNL
Greg Stoetzel	PNNL
John Jakch	PNN
Lance Vail	PNNL
Mike Sackschewsky	PNNL
Jim Wilson	NRC
Thomas Kenyon	NRC
Cynthia Sochor	NRC
Rob Jolly	NRC
Barry Zalcman	NRC
Christopher Grimes	NRC
Butch Burton	NRC
Brooke Poole	NRC
Raj Anand	NRC
Tamy Bloomer	NRC
Cindy Harbaugh	NRC
Trish Milligan	NRC
Gary Johnson	LLNL
Ken Zahn	LLNL
Bruce McDowell	LLNL
Bob Breckenridge	INEEL
Ken Moore	INEEL
Ed Pentecost	ANL
Jim Davis	SNC
Tom Moorer	SNC
Jim Wade	SNC
Dwight Hastetler	SNC
Hershel Davis	SNC
Byron Feimster	SNC
Chuck Pierce	SNC
Lou Long	SNC
Scott Kirk	Southern Co. Services
Mike Nichols	GPC
Jim Candler	GPC

Attendees at May 10-11, 2000 Site Audit (cont.)

<u>NAME</u>	<u>ORGANIZATION</u>
Jack Varner	GPC
John Nipper	GPC
John Raese	GA Transmission Co.
Marty Ray	TTNUS
Mike Whitten	TTNUS
Bill Craig	TTNUS
Tom Abbotiello	FP&L
Liz Thompson	FP&L
Tony Banks	VA Power
Bill Maher	PECO