

February 5, 2004

MEMORANDUM TO: Osiris Siurano-Perez, Federal Liaison  
Office of State Programs

FROM: John Tappert, Chief  
Environmental Section  
License Renewal and Environmental Impacts Program  
Division of Regulatory Improvement Programs  
Office of Nuclear Reactor Regulation

SUBJECT: U.S. DEPARTMENT OF INTERIOR QUESTIONNAIRE ON FEDERAL  
ARCHAEOLOGICAL ACTIVITIES FOR FISCAL YEAR 2003

By e-mail, on December 18, 2003, you requested assistance from the License Renewal and Environmental Impacts Program in compiling the Office of Nuclear Reactor Regulation (NRR) input to the U.S. Department of Interior (DOI) questionnaire regarding Federal Archaeological Activities during FY-2003. The staff prepared 31 environmental assessments for actions involving power and non-power reactor projects and prepared 11 environmental impact statements for the renewal of power reactor licenses during FY-2003.

The NRC corresponded with the Advisory Council on Historic Preservation, the South Carolina Department of Archives and History, the New York State Office of Parks, Recreation, and Historic Preservation, the Illinois State Preservation Agency, and the Alabama Historical Commission for license renewal activities. Further clarification is referenced under D7 of the questionnaire. Please contact Jennifer A. Davis, of our staff at (301) 415-3835 or via e-mail at JXD10@nrc.gov, if you have any questions or comments.

Attachment: As stated

February 5, 2004

MEMORANDUM TO: Osiris Siurano-Perez, Federal Liaison  
Office of State Programs

FROM: John Tappert, Chief **/RA/**  
Environmental Section  
License Renewal and Environmental Impacts Program  
Division of Regulatory Improvement Programs  
Office of Nuclear Reactor Regulation

SUBJECT: U.S. DEPARTMENT OF INTERIOR QUESTIONNAIRE ON FEDERAL  
ARCHAEOLOGICAL ACTIVITIES FOR FISCAL YEAR 2002

By e-mail, on December 18, 2003, you requested assistance from the License Renewal and Environmental Impacts Program in compiling the Office of Nuclear Reactor Regulation (NRR) input to the U.S. Department of Interior (DOI) questionnaire regarding Federal Archaeological Activities during FY-2003. The staff prepared 31 environmental assessments for actions involving power and non-power reactor projects and prepared 11 environmental impact statements for the renewal of power reactor licenses during FY-2003.

The NRC corresponded with the Advisory Council on Historic Preservation, the South Carolina Department of Archives and History, the New York State Office of Parks, Recreation, and Historic Preservation, the Illinois State Preservation Agency, and the Alabama Historical Commission for license renewal activities. Further clarification is referenced under D7 of the questionnaire. Please contact Jennifer A. Davis, of our staff at (301) 415-3835 or via e-mail at JXD10@nrc.gov, if you have any questions or comments.

Attachment: As stated

DISTRIBUTION:

Environmental r/f                      JDavis                      RLEP r/f  
DMatthews/FGillespie              BZalcman                  JTappert

Accession no.:

Memo & Att.: **ML040370513**

C:\ORPCheckout\FileNET\ML040370513.wpd

OFFICE	RLEP:DRIP:LA	RLEP:DRIP:GS	RLEP:DRIP:SC	
NAME	Y. Edmonds	J. Davis (D.Wheeler for)	J. Tappert (D. Wheeler for)	
DATE	2/5/04	2/5/04	2/5/04	

OFFICIAL RECORD COPY

THE SECRETARY OF THE INTERIOR'S REPORT TO CONGRESS

Agency NRC  
Office NRR

ON FEDERAL ARCHEOLOGICAL ACTIVITIES  
GSA Control Number: 0236-DOI-AN

Contact J. Davis  
Phone (301) 415-3835  
Email JXD10

ANSWER SHEET: Questionnaire on Fiscal Year 2003 Activities

<i>Quantitative Data</i>			<i>Attached Material</i>
B1 <u>ND</u>	H2 <u>0</u> %	L4 _____	<b>Narrative Responses</b> (check if present): A1 ___ B5 ___ B6 ___ D7 <u>X</u> E3 ___ F3 ___ H6 ___ H7 ___ H8 ___ I3 ___ J6 ___ K4 ___ L20 ___ L21 ___  LOOT form(s) included: <u>NA</u> # ___  Computer disk accompanying: <u>0</u>  P h o t o g r a p h s accompanying: <u>0</u>  Other materials accompanying: <u>0</u>
B2 <u>\$ 0</u>	H3 <u>0</u>	L5 _____	
B3 <u>ND</u>	H4 <u>0</u>	L6 _____	
B4 <u>\$ 0</u>	H5 <u>0</u>	L7 _____	
C1 <u>ND</u>	I1 <u>\$ 0</u>	L8 _____	
D1 <u>8</u>	I2 <u>\$ 0</u>	L9 _____	
D2 <u>0</u>	Land-managing agencies only, Sections J-L	L10 _____	
D3 <u>0</u>	J1 _____	L11 _____	
D4 <u>0</u>	J2 _____	L12 _____	
D5 <u>0</u>	J3 _____	L13 _____	
D6 <u>0</u>	J4 _____	L14 \$ _____	
E1 <u>0</u>	J5 _____	L15 \$ _____	
E2 <u>0</u>	K1 _____	L16 \$ _____	
F1 <u>0</u>	K2 _____	L17 \$ _____	
F2 <u>0</u>	K3 _____	L18 \$ _____	
G1 <u>0</u>	L1 _____	L19 \$ _____	
H1 <u>0</u>	L2 _____		
	L3 _____		

**Section A. Agency Archeology Program Highlights**

A1. Briefly (200 words or less) describe one exemplary project or program conducted by your office in this reporting year highlighting its public benefits and research benefits.

N/A

**Section B. Participation, Education, and Outreach in the Agency Archeology Program**

ND B1. Number of partnership agreements (e.g. cooperative, cost-share, interagency, research) in the archeology program. Do not include contracts.

\$ 0 B2. Total dollar value of contributions provided by partners (e.g. money, services)

ND B3. Volunteer hours contributed to the agency for the benefit of archeology

\$ 0 B4. Total dollar value of work performed by volunteers

B5. Briefly (200 words or less) describe one exemplary partnership, education, or outreach program/product conducted by your office in the reporting year.

ND

B6. If needed, clarify responses to questions about participation, education, and outreach.

ND

**Section C. Archeological Overview**

ND C1. Number of area-wide overviews and non-project planning under ARPA and NHPA (e.g. base comprehensive plans, Forest overviews, preservation plans, historic context statements)

**Section D. Archeological Identification and Evaluation** [This section includes Section 106 undertakings and activities under Section 110 of NHPA and ARPA conducted on federal and non-federal land and performed or funded by agency or non-agency entities in the reporting year.]

8 D1. Number of projects for which there were database and file searches, literature reviews and map checks that resulted in a file letter, report, or other documentation

0 D2. Number of field studies to identify and evaluate archeological sites

0 D3. Number of acres inventoried in the reporting year

0 D4. Number of archeological sites identified in the reporting year

0 D5. Number of archeological sites determined eligible for the National Register of Historic Places (NRHP) by the Keeper or through documented consultation with the SHPO in the reporting year (note that D5 is for this reporting year and that J4 is cumulative for all years).

0 D6. Number of archeological sites on agency managed land that were stabilized, rehabilitated, monitored, or protected (e.g. anti-vandalism signs, fences, road closures) in the reporting year. [Report each archeological site protected only once. Do not include sites avoided during a Section 106 undertaking]

D7. If needed, clarify responses to questions about archeological identification and evaluation. Please comment on the numbers of ineligible and unevaluated sites and whether these are issues worth tracking.

SEE ATTACHMENT.

**Section E. Archeological Data Recovery** [Data recovery projects include recordation, surface collection, and excavation and are conducted to mitigate effects to an archeological site threatened by destruction or disturbance. This section includes Section 106 undertakings and activities under Section 110 of NHPA and ARPA conducted on federal and non-federal land and performed or funded by agency or non-agency entities in the reporting year.]

0 E1. Number of archeological data recovery projects

0 E2. Number of archeological sites on which data recovery was undertaken

E3. If needed, clarify responses to questions about archeological data recovery.

**Section F. Unanticipated Archeological Discoveries** [This section provides data on archeological properties discovered unexpectedly subsequent to agency completion of the NHPA Section 106 review for undertakings conducted on federal and non-federal land and performed or funded by agency or non-agency entities in the reporting year.] Include undertaking in year it is identified even if work won't occur until following year.

0 F1. Number of undertakings resulting in the discovery of unanticipated archeological resources

0 F2. Number of undertakings resulting in the discovery of unanticipated archeological resources that required data recovery of significant archeological resources. Include undertakings this reporting year though work won't occur until next reporting year.

F3. If needed, clarify responses to questions about unanticipated archeological discoveries.

**Section G. Archeological Information Management**

G1. Describe how the agency is maintaining and improving the management of records for collections, permits, sites, and inventory. Include a description of any data-sharing efforts between your office and other organizations. If there is no change from previous years, indicate no change.

**Section H. Archeological Collections Management**

0 H1. Number of items/lots or cubic feet of material remains (artifacts, samples) curated in all repositories (Because reporting systems vary, please explain dimension used here in H8).

% 0 H2. Percentage of amount identified in H1 that is accessioned and cataloged.

0 H3. Number of linear feet of records associated with stored archeological materials

0 H4. Number of federal museums/repositories curating agency collections

0 H5. Number of non-federal museums/repositories curating agency collections

H6. When was the agency policy for management and preservation of its collections established or last revised, if different? How is it being implemented?

N/A

H7. List the museums/repositories curating agency collections. If there is no change from previous years, indicate no change.

N/A

H8. If needed, clarify responses to questions above about archeological collections management.

N/A

**Section I. Cost and Benefits of Archeology Program**

\$ 0 I1. Total amount allocated (directly from Congress or as a result of internal agency allocations) to the cultural resource management program that is used for archeological activities

\$ 0 I2. Total amount allocated to other agency programs (e.g. timber, construction, permits, licenses, grants) that are used for archeological activities

I3. Does the agency have information on economic benefits from archeology, such as recreation visitor use days and dollars spent by visitors on heritage tourism? If so, describe.

N/A

THE REMAINDER OF THE QUESTIONNAIRE (Sections J-L) IS TO BE COMPLETED BY AGENCIES THAT MANAGE FEDERAL OR INDIAN LAND. If you are answering from a regional, state, division, etc. office, please provide figures only for your region. The headquarters office of each agency will compile information to provide an agency-wide response.

**Section J. Archeological Resource Base on Federal and Indian Lands**

Questions J1-J6 call for the best possible estimates for **all prior years through the reporting year.**

                     J1. Total acres inventoried on agency-managed land

- \_\_\_\_\_ J2. Total number of recorded archeological sites on agency-managed land
  - \_\_\_\_\_ J3. Total number of recorded archeological sites on agency-managed land listed on the NRHP (please use J6 to indicated the number of properties listed, which may include districts).
  - \_\_\_\_\_ J4. Total number of recorded archeological sites on agency-managed land that were determined eligible for the NRHP by the Keeper or through documented consultation with the SHPO
  - \_\_\_\_\_ J5. Total number of recorded archeological sites on agency-managed land that were determined ineligible for the NRHP by the Keeper or through documented consultation with the SHPO
- J6. If needed, clarify responses to questions about the archeological resource base on Federal and Indian lands. In addition to the request to use this field to clairify J3, please also comment on the number of unevaluated sites and whether this is an issue worth tracking.

**Section K. Archeological Permitting** [K1-K2 apply to all permits issued pursuant to Federal agency policies, procedures, or guidelines for archeological activities authorized by ARPA, the Antiquities Act, or agency-specific statutes]

- \_\_\_\_\_ K1. Number of permit applications received
  - \_\_\_\_\_ K2. Number of permits issued or in effect
  - \_\_\_\_\_ K3. Number of notifications to Indian Tribes of proposed work that might harm or destroy sites having religious or cultural importance to a Tribe, as required by ARPA Uniform Regulation § -.7
- K4. If needed, clarify responses to questions about archeological permitting.

**Section L. Archeological Law Enforcement** [This section includes all archeological resource crime pursuant to ARPA, the Antiquities Act, Federal property laws, or other statutes and regulations protecting archeological sites. This section should be completed with the help of law enforcement. Use the attached LOOT form **OR** send copies of equivalent information from the case files for each citation, misdemeanor and felony conviction and civil penalty completed in the reporting year.]

- \_\_\_\_\_ L1. Total number of documented violations (count 1 for each incident).
- \_\_\_\_\_ L2. Number of documented violations where individual(s) were arrested.
- \_\_\_\_\_ L3. Number of individual(s) arrested.
- \_\_\_\_\_ L4. Number of individual(s) cited.
- \_\_\_\_\_ L5. Number of individual(s) prosecuted under ARPA.

- \_\_\_\_\_ L6. Number of individual(s) prosecuted under authorities other than ARPA.
- \_\_\_\_\_ L7. Number of individual(s) convicted of a misdemeanor under ARPA.
- \_\_\_\_\_ L8. Number of individual(s) convicted of a misdemeanor under authorities other than ARPA.
- \_\_\_\_\_ L9. Number of individual(s) convicted of a felony under ARPA
- \_\_\_\_\_ L10. Number of individual(s) convicted of a felony under authorities other than ARPA.
- \_\_\_\_\_ L11. Number of individual(s) found libel (civil penalty).
- \_\_\_\_\_ L12. Number of criminal and civil cases where individual(s) were found guilty or liable (unlike L7-L11, a case may include more than one individual).
- \_\_\_\_\_ L13. Number of criminal and civil cases where individual(s) were found not guilty or not liable (unlike L7-L11, a case may include more than one individual).
- \$\_\_\_\_\_ L14. Amount of fines imposed or ordered.
- \$\_\_\_\_\_ L15. Amount of restitution imposed or ordered (includes civil penalties).
- \$\_\_\_\_\_ L16. Cost of restoration and repair originally asked for in site damage assessments.
- \$\_\_\_\_\_ L17. Amount given in rewards (not amount offered).
- \$\_\_\_\_\_ L18. Commercial value of personal property and artifacts seized and either retained or sold.
- \$\_\_\_\_\_ L19. Estimated law enforcement cost for archeological resource protection.
- L20. If needed, clarify responses to questions about archeological law enforcement.
- L21. Describe effective projects, methods, and techniques the agency has used to improve archeological protection programs. Examples include development of incident reporting systems, the use of remote sensing equipment for site monitoring, and interagency cooperation by law enforcement, justice and cultural resources staff.



## ATTACHMENT TO ANSWER SHEET

D7 If needed, clarify responses to questions about archeological identification and evaluation

Clarification to D1: Carolina Power and Light Company (CP&L), the licensee for H.B. Robinson Steam Electric Plant (Robinson), submitted an application for license renewal on June 14, 2002. Although the site audit (which included a tour of the area of potential effects (APE)) and initial file searches and consultation were carried out in fiscal year 2002, ongoing consultation carried over into fiscal year 2003. The NRC staff has corresponded with members of the South Carolina Department of Archives and History (SCDAH) and published a draft supplemental environmental impact statement (DSEIS) for public comment in May 2003. Further consultation with SCDAH resulted in the preparation of a Robinson-specific cultural resources narrative. The NRC's records search revealed that the cemetery for the Wiley-Warren Farm was probably located near the Robinson Visitors Center, but construction records and pictures showed no evidence of the cemetery. No additional new sites were identified via a records search. The applicant has indicated that major refurbishment of Robinson (within the APE) is not expected during the license renewal period, and it is not anticipated that there will be any further disturbance within the undeveloped portions of the Robinson site.

Rochester Gas and Electric Corporation (RG&E), the licensee for R.E. Ginna Nuclear Power Plant (Ginna), submitted an application for license renewal on July 30, 2002. Although the site audit (which included a tour of the APE) and initial file searches and consultation were carried out in fiscal year 2002, ongoing consultation carried over into fiscal year 2003. The NRC staff has corresponded with members of the New York State Office of Parks, Recreation, and Historic Preservation (OPRHP) and prepared a draft supplemental environmental impact statement (DSEIS) for public comment in June 2003. No new sites were identified as a result of this effort. However, there is one structure on the site, the Brookwood Estate Manor House, which has not been formally evaluated for the National Register of Historic Places (NRHP), but is potentially eligible for listing. The proposed action includes no new construction or refurbishment within the license renewal period.

South Carolina Electric and Gas Company (SCE&G), the licensee for Virgil C. Summer Nuclear Station (V.C. Summer), submitted an application for license renewal on August 6, 2002. Although the site audit (which included a tour of the APE) and initial file searches and consultation were carried out in fiscal year 2002, ongoing consultation carried over into fiscal year 2003. The NRC staff has corresponded with members of the South Carolina Department of Archives and History (SCDAH) and prepared a draft supplemental environmental impact statement (DSEIS) for public comment in May 2003. Further consultation with SCDAH resulted in the preparation of a V.C. Summer-specific cultural resources narrative in which no new sites were identified. The applicant has stated that major refurbishment of V.C. Summer (within the APE) is not required during the license renewal period, and that use of currently undeveloped portions of the site (outside the APE) is not expected during the license renewal period, and it is not anticipated that there will be any further disturbance within the undeveloped portions of the V.C. Summer site.

Exelon Generation Company, LLC (Exelon), the licensee for the Dresden Nuclear Power Station (Dresden) and Quad Cities Nuclear Power Station (Quad Cities), submitted a dual application for license renewal on January 3, 2003. During the review of the Quad Cities application and subsequent environmental site audit (which included a tour of the APE), the

NRC conducted file searches at repositories in Illinois. No new sites were identified through records search. The NRC has corresponded with the Illinois State Preservation Agency (SHPO), and has prepared a draft supplemental environmental impact statement (DSEIS) for public comment. A copy of the DSEIS was forwarded it to the Illinois SHPO for review. The applicant has indicated that no refurbishment or land-disturbing activities will take place within the APE or within the transmission corridors during the license renewal term.

During the review of the Dresden application and environmental site audit (which included a tour of the APE), the NRC conducted file searches at repositories in Illinois. No new sites were identified through records search. Dresden, Unit 1, which is no longer operational, is listed as an American Nuclear Society Landmark. It operated from 1959 to 1978. Dresden Unit 1 is approaching 50 years in age, and may be considered for listing on the NRHP. The NRC has corresponded with the Illinois SHPO, and has prepared a draft supplemental environmental impact statement (DSEIS) for public comment. A copy of the DSEIS was forwarded it to the Illinois SHPO for review. The applicant has indicated that no refurbishment or land-disturbing activities will take place within the APE during the license renewal period.

Southern Nuclear Operating Company (SNC), the licensee for Joseph M. Farley Nuclear Plant (Farley), submitted an application for license renewal on September 15, 2003. Members of NRC staff and conducted a site audit (which included a tour of the APE) January 5 - 8, 2004. A site file search was held at the University of Alabama's Office of Archaeological Research in Moundville, AL. Correspondence has been initiated with the Alabama Historical Commission, the Advisory Council on Historic Preservation, and interested Native American tribes during the scoping phase of the NRC review. SNC has stated that there are no plans to alter current operations over the license renewal period. There are no plans for the expansion of existing facilities, and no major structural modifications identified for the purpose of supporting license renewal. In addition no land-disturbing activities are anticipated beyond those of required for routine maintenance and repair.

Exelon Generation Corporation, the licensee for Clinton Nuclear Power Station (Clinton), submitted an application for an Early Site Permit at the Clinton site on September 25, 2003. Members of NRC staff will be conducting a site audit the first week of March. Correspondence has been initiated with the Illinois SHPO, the Advisory Council on Historic Preservation, and interested Native American tribes during the scoping phase of the NRC review.

Dominion Nuclear North Anna, LLC, the licensee for North Anna Power Station (North Anna), submitted an application for an Early Site Permit at the North Anna site on September 25, 2003. Members of NRC staff conducted a site audit the week of December 8, 2003. Correspondence has been initiated with the Virginia Department of Historic Resources, the Advisory Council on Historic Preservation, and interested Native American tribes during the scoping phase of the NRC review.