



Tennessee Valley Authority, 400 West Summit Hill Drive, Knoxville, Tennessee 37902-1499

February 17, 2011

Mr. E. Patrick McIntyre, Jr.
Executive Director
Tennessee Historical Commission
2941 Lebanon Road
Nashville, Tennessee 37243-0442

Dear Mr. McIntyre:

TENNESSEE VALLEY AUTHORITY (TVA), CLINCH RIVER SITE CHARACTERIZATION PROJECT, ROANE COUNTY, TENNESSEE

TVA proposes to conduct geophysical investigations at TVA's Clinch River Breeder site, in Roane County, Tennessee, in order to ascertain the suitability for construction and operation of a small module reactor. The proposed activities include geological core borings, observation wells and pumping tests, temporary trailers, and access roads to the wells and borings. TVA considers the area of potential effects (APE) to be 325 acres where ground disturbance may occur.

TVA contracted with TRC to conduct the archaeological survey. Prior to the field survey, TRC conducted archival research at the Tennessee Division of Archaeology (TDOA) to identify all documented cultural resources within the APE. Archival research identified 12 previously recorded archaeological sites (40RE106–108, 40RE120, 40RE129, 40RE152–154, 40RE159, 40RE163, 40RE165, and 40RE166) within the APE.

Following archival research, TRC conducted a Phase I survey. Enclosed is TRC's management summary entitled *Phase I Archaeological Survey, TVA Clinch River Site Characterization Project, Roane County, Tennessee*.

The archaeological survey conducted from January 3 to February 2, 2011, identified five newly recorded archaeological sites (Field Sites 1; 3–6) and revisited the 12 previously recorded archaeological sites.

- Field Sites 1 and 6 consists of low density prehistoric lithic scatters.
- Field Sites 3 and 4 consists of late nineteenth to mid twentieth century farmsteads.
- Field Site 5 is the Hensley Cemetery, which dates to the early- to mid-twentieth century.

TVA finds Field Site 1, 3, 4, and 6 ineligible for the National Register of Historic Places (NRHP). Although TVA finds the Hensley Cemetery (Field Site 5) ineligible for the NRHP, the site will be avoided from any ground disturbances.

Exempted from Disclosure by Statute - Withheld Under 10 CFR 2.390(a)(3)

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Of the 12 previously recorded sites:

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Exempted from Disclosure by Statute

]TVA finds 40RE106 potentially eligible for listing on the NRHP.

- TRC's re-survey of site 40RE107[

Exempted from Disclosure by Statute

]TVA

finds the site potentially eligible for the NRHP.

- TRC's re-survey of site 40RE108[

Exempted from Disclosure by Statute

]TVA finds the site potentially

eligible for the NRHP.

- Site 40RE120 consists of the structural debris of a twentieth century farmstead and a scatter of historic artifacts. TVA finds site 40RE120 ineligible for the NRHP due to a lack of research potential and lack of intact archaeological deposits.
- Site 40RE129 was investigated in 1974 by Gerald Schroedl with the University of Tennessee. Schroedl's work determined the mound to be a recent historic soil disturbance. TDOA's site records indicate the site number was vacated.

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Exempted from Disclosure by Statute

]TVA finds 40RE152, 40RE154, and 40RE163 ineligible for listing on the NRHP due to a lack of research potential and lack of intact archaeological deposits.

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Exempted from Disclosure by Statute

- TRC's re-survey of site 40RE165[

Exempted from Disclosure by Statute

]TVA finds site 40RE165 potentially eligible for

the NRHP.

- Site 40RE166[

Exempted from Disclosure by Statute

]TVA finds site 40RE166 potentially

eligible for the NRHP.

By this letter, TVA is presenting our findings and recommendations based on TRC's management summary. TVA will submit the completed draft Phase I report to your office in March. Pursuant to 36 CFR Part 800, all findings and recommendations will be determined in consultation with the Tennessee State Historic Preservation Officer.

Pursuant to 36 CFR Part 800.3(f)(2), TVA is consulting with federally recognized Indian tribes regarding properties that may be of religious and cultural significance and eligible for the NRHP.

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TVA will avoid all previously recorded and newly identified archaeological sites while conducting the geophysical study. TVA is requesting your concurrence that the methodology implemented for the Phase I survey was sufficient to identify all archaeological sites within the APE and that TVA may proceed with the geophysical testing provided that all activities avoid these sites.

If you have any questions, please contact Richard Yarnell in Knoxville at (865) 632-3463 or by email at wryarnell@tva.gov.

Sincerely,

(Original signed by)

A. Eric Howard
Manager
Cultural Compliance
WT 11D-K

RY:MH:IKS:PS

Enclosure

cc: Ms. Jennifer Barnett (Enclosure)
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