

Appendix A – Correspondence

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Preserving America's Heritage

December 15, 2015

Received 12/15/15

Mr. Clinton Jones
Deputy FPO/Manager
Biological & Cultural Compliance
Tennessee Valley Authority
400 West Summit Hill Drive
Knoxville, TN 37902

Ref: *Proposed Great Falls Hydro Plant-Spencer 46-KV Transmission Line Retirement and Removal Project*
Van Buren and Warren Counties, Tennessee

Dear Mr. Jones:

The Advisory Council on Historic Preservation (ACHP) has received your notification and supporting documentation regarding the adverse effects of the referenced undertaking on a property or properties listed or eligible for listing in the National Register of Historic Places. Based upon the information provided, we have concluded that Appendix A, *Criteria for Council Involvement in Reviewing Individual Section 106 Cases*, of our regulations, "Protection of Historic Properties" (36 CFR Part 800), does not apply to this undertaking. Accordingly, we do not believe that our participation in the consultation to resolve adverse effects is needed. However, if we receive a request for participation from the State Historic Preservation Officer (SHPO), Tribal Historic Preservation Officer (THPO), affected Indian tribe, a consulting party, or other party, we may reconsider this decision. Additionally, should circumstances change, and it is determined that our participation is needed to conclude the consultation process, please notify us.

Pursuant to 36 CFR §800.6(b)(1)(iv), you will need to file the final Memorandum of Agreement (MOA), developed in consultation with the Tennessee State Historic Preservation Office (SHPO), and any other consulting parties, and related documentation with the ACHP at the conclusion of the consultation process. The filing of the MOA, and supporting documentation with the ACHP is required in order to complete the requirements of Section 106 of the National Historic Preservation Act.

Thank you for providing us with the notification of adverse effect. If you have any questions or require further assistance, please contact Ms. Najah Duvall-Gabriel at 202-517-0210 or via e-mail at ngabriel@achp.gov.

Sincerely,

Artisha Thompson
Historic Preservation Technician
Office of Federal Agency Programs

ADVISORY COUNCIL ON HISTORIC PRESERVATION

401 F Street NW, Suite 308 • Washington, DC 20001-2637
Phone: 202-517-0200 • Fax: 202-517-6381 • achp@achp.gov • www.achp.gov



TENNESSEE HISTORICAL COMMISSION
2941 LEBANON ROAD
NASHVILLE, TENNESSEE 37243-0442
OFFICE: (615) 532-1550

Received
7/20/15

July 13, 2015

Mr. Clinton E. Jones
Tennessee Valley Authority
400 West Summit Hill Drive
Knoxville, Tennessee
37902

RE: TVA, ARCHITECTURAL/ARCHAEOLOGICAL SURVEY REPORT, SPENCER 161KV TRANSMISSION LINE, DELIVERY POINT, PHASE ONE, VAN BUREN COUNTY

Dear Mr. Jones:

In response to your request, received on June 11, 2015, we have reviewed the documents you submitted regarding your proposed undertaking. Our review of and comment on your proposed undertaking are among the requirements of Section 106 of the National Historic Preservation Act. This Act requires federal agencies or applicant for federal assistance to consult with the appropriate State Historic Preservation Office before they carry out their proposed undertakings. The Advisory Council on Historic Preservation has codified procedures for carrying out Section 106 review in 36 CFR 800. You may wish to familiarize yourself with these procedures (Federal Register, December 12, 2000, pages 77698-77739) if you are unsure about the Section 106 process. You may also find additional information concerning the Section 106 process and the Tennessee SHPO's documentation requirements at <http://www.tennessee.gov/environment/hist/federal/sect106.shtml>

Considering the information provided, we find that the area of potential effects for this undertaking contains no cultural resources eligible for listing in the National Register of Historic Places. You should notify interested persons and make the documentation associated with this finding available to the public.

If your agency proposes any modifications in current project plans or discovers any archaeological remains during the ground disturbance or construction phase, please contact this office to determine what further action, if any, will be necessary to comply with Section 106 of the National Historic Preservation Act.

This office appreciates your cooperation.

Sincerely,

E. Patrick McIntyre, Jr.
Executive Director and
State Historic Preservation Officer

EPM/jyg
annuit coeptis



Tennessee Valley Authority, 400 West Summit Hill Drive, Knoxville, TN 37902

October 29, 2015

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

Dear Mr. McIntyre:

TENNESSEE VALLEY AUTHORITY (TVA), GREAT FALLS HYDRO PLANT-SPENCER 46-KILOVOLT (KV) TRANSMISSION LINE RETIREMENT AND REMOVAL PROJECT, PHASE I CULTURAL RESOURCES SURVEY, VAN BUREN AND WARREN COUNTIES, TENNESSEE

TVA proposes to retire 18 miles of the Great Falls Hydro Plant (HP)-Spencer 46-kV transmission line (TL), replacing it with a new 161-kV Delivery Point to the Caney Fork Electric Cooperative's (CFEC) upgraded Spencer, Tennessee Substation (which your office provided concurrence for on July 13, 2015). The existing 46-kV TL consists of two segments. Segment 01 stretches from Great Falls Hydroelectric Plant on the Caney Fork River in Warren County (35.8040697° N, 85.6337631° W) to an end point (35.6639622° N, 85.5211142° W) on Baker Mountain Road near Welchland, where it joins Segment 02, which then runs northeast to Spencer (end point: 35.7334890° N, 85.4520699° W). Structures (poles and towers) and electrical cable would be removed, but TVA will retain the 50-foot wide right-of-way (ROW). TVA has determined that this proposed TL uprate project is an undertaking (as defined at 36 CFR § 800.16(y)) that has the potential to cause effects on historic properties. We are initiating consultation under Section 106 of the National Historic Preservation Act for this undertaking.

TVA has identified the area of potential effects (APE) for archaeological resources as 18 miles of ROW and 38 ca. 16-foot wide access roads that total 17.1 miles in length. TVA has identified the APE for above-ground (historic architectural) resources as the 180 TL structures comprising Segments 01 and 02 of the TL.

Based on a review of current topographic maps and aerial photographs, TVA identified areas within the APE that have low probability for the occurrence of archaeological sites, and areas with moderate to high probability. TVA contracted with Tennessee Valley Archaeological Research (TVAR) to perform a Phase I archaeological survey of the moderate to high probability areas within the APE and a Phase I architectural assessment of the 180 structures to be removed. Enclosed are two bound copies of the draft report, titled *A Phase I Cultural Resources Survey of the Planned Great Falls Hydro-Spencer 46-kV Retirement and Demolition Project in Van Buren and Warren Counties, Tennessee*, along with two CDs containing digital copies of the report.

TVAR's background study, conducted prior to the field study, indicated that no previously

Mr. E. Patrick McIntyre, Jr.
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October 29, 2015

recorded archaeological sites are located within the study area. One previously recorded historic architectural resource, Great Falls Hydroelectric Station, partially overlaps the APE. TVA and the Tennessee Historical Commission made a consensus determination of eligibility for this property in 1985, and it was listed in the National Register of Historic Places (NRHP) in 1990. This current undertaking would result in no physical changes to Great Falls Hydroelectric Station.

The archaeological survey identified eight archaeological sites and six isolated finds of archaeological material. TVAR recommends that one of the sites, 40VB149, could contribute to ongoing research on the prehistory of the region, but given limitation inherent in Phase I surveys, its NRHP eligibility is recommended as undetermined. TVAR recommends the remaining seven sites (40VB150-40VB156) and six isolated finds are all ineligible for inclusion in the NRHP, due to a lack of data potential.

The architectural assessment verified that Segment 01 of the Great Falls HP-Spencer 46kV TL was originally constructed by the Tennessee Power Company (TPC) in 1913, contains some replacement structures installed in 1931, and retains its historic integrity. TVAR recommends that this segment, totaling approximately 12.01 miles in length, is eligible for inclusion in the NRHP under Criterion A for its historical association with TPC and the Tennessee Electric Power Company (TEPCO), and as a contributing resource to the NRHP-eligible Great Falls Hydroelectric Station. Segment 02 of the Great Falls HP-Spencer 46kV TL was constructed by TVA between 1969 and 2012 and consists of a mix of wood and steel poles of various ages. TVAR recommends that Segment 02 is ineligible for the NRHP.

TVA has reviewed the enclosed letter report and agrees with the findings and recommendations of the authors. Based on the survey, TVA finds that there is one archaeological site of undetermined NRHP eligibility within the APE: 40VB149. This site is within the ROW at a location that would be used for vehicular access between adjacent TL structures. TVA will place a 10-meter avoidance buffer surrounding the site, and will note this on all project plans and designs. TVA will avoid effects to this site by restricting the work within the avoidance buffer to times of dry and firm ground, or by using low ground pressure equipment, or by placing wetland mats over the avoidance buffer before performing the work. TVA finds that, with these restrictions on the work, the undertaking will result in no adverse effects to 40VB149.

TVA finds that the undertaking would result in an adverse effect to Segment 01 of the Great Falls HP-Spencer 46kV TL. Sections of this transmission line have an original in-service date of 1913 and have exceeded the useful life-cycle for such equipment in terms of both capacity and reliability. The failure of this transmission line, or the associated equipment at Great Falls Hydro Plant, would result in the inability of TVA to provide power to the Spencer, Tennessee area. As a result of the reliability issues related to the aging equipment and infrastructure, and no power alternatives to serve CFEC in this area, CFEC has requested that TVA provide a new 161-kV delivery point to the upgraded Spencer, Tennessee Substation. The subsequent retirement and removal of structures and conductor of the Great Falls HP-Spencer 46kV TL is necessary to avoid both maintenance and safety issues related to aged infrastructure. Therefore, TVA is unable to find an alternative that would avoid effects to this historic transmission line.

Mr. E. Patrick McIntyre, Jr.
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In addition, TVAR recommends that the undertaking would result in an adverse effect to Great Falls Hydroelectric Station, given their recommendation that Segment 01 of the Great Falls HP-Spencer 46kV TL should be included as a contributing resource to that property. TVA agrees with this recommendation, pending SHPO agreement that Segment 01 of the Great Falls HP-Spencer 46kV TL is a contributing element to Great Falls Hydroelectric Station.

TVA is seeking ways to mitigate the adverse effect from the undertaking. We respectfully request your agreement to review a draft Memorandum of Agreement (MOA) that would stipulate measures for TVA to follow in order to resolve the adverse effect. We propose that such measures could include preparation of state-level Historic American Engineering Record documentation, and possibly leaving a small number of intact 1913 TL structures near the Great Falls Hydroelectric Plant reservation as monuments.

Pursuant to 36 CFR Part 800.4(d)(1), we are seeking your concurrence with TVA's findings and determinations and your agreement to review an MOA for the resolution of the undertaking's adverse effect on Segment 01 of the Great Falls HP-Spencer 46kV TL.

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

Pursuant to 36 CFR Part 800.6(a)(1), TVA is notifying the Advisory Council on Historic Preservation of the adverse effect finding.

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

Sincerely,



Clinton E. Jones, Manager
Biological and Cultural Compliance
Safety, River Management and Environment
WT11C-K

SCC:CSD

Enclosures

cc (Enclosures):

Ms. Jennifer Barnett
Tennessee Division of Archaeology
1216 Foster Avenue, Cole Bldg. #3
Nashville, Tennessee 37210

A Phase I Cultural Resources Survey of the Planned Great Falls Hydro-Spencer 46-kV Retirement and Demolition Project in Van Buren and Warren Counties, Tennessee



Tennessee
Valley
Archaeological
Research

INTERNAL COPIES:

Michelle Cagley, KFP 1T-KST
Amy Henry, WT11D-K
Susan Jacks, WT11C-K
Skip Markham, BR 4A-C
Paul Pearman, BR 4A-C
Emily Willard, MR 4G-C
Richard Yarnell, WT11D-K
EDMS, WT CA-K



TENNESSEE HISTORICAL COMMISSION
STATE HISTORIC PRESERVATION OFFICE
2941 LEBANON ROAD
NASHVILLE, TENNESSEE 37243-0442
OFFICE: (615) 532-1550
www.tnhistoricalcommission.org

Reed. 11/19/15

November 6, 2015

Mr. Clinton Jones
Tennessee Valley Authority
400 West Summit Hill Drive
Knoxville, Tennessee 37902

RE: TVA, ARCHAEOLOGICAL ASSESSMENT, GREAT FALLS HYDRO PLANT-
SPENCER LN, UNINCORPORATED, VAN BUREN COUNTY, TN

Dear Mr. Jones:

At your request, our office has reviewed the above-referenced archaeological survey report in accordance with regulations codified at 36 CFR 800 (Federal Register, December 12, 2000, 77698-77739). Based on the information provided, we concur that archaeological site 40VB149 is potentially eligible for inclusion in the National Register of Historic Places and that current plans avoid affects to this site. Given current avoidance plans, we concur that the project area contains no archaeological resources eligible for listing in the National Register of Historic Places.

If project plans are changed or archaeological remains are discovered during construction, please contact this office to determine what further action, if any, will be necessary to address affects to archaeological resources within the area of potential effect.

Your cooperation is appreciated.

Sincerely,

E. Patrick McIntyre, Jr.
Executive Director and
State Historic Preservation Officer

EPM/jmb



TENNESSEE HISTORICAL COMMISSION
2941 LEBANON ROAD
NASHVILLE, TENNESSEE 37243-0442
OFFICE: (615) 532-1550

Received
11/18/15

November 5, 2015

Mr. Clinton E. Jones
Tennessee Valley Authority
400 W. Summit Hill Dr.
Knoxville, Tennessee, 37902-1499

RE: TVA, GREAT FALLS HYDRO./SPENCER TRANS., VAN BUREN, WARREN COUNTY

Dear Mr. Jones:

In response to your request, received on Tuesday, November 3, 2015, we have reviewed the documents you submitted regarding your proposed undertaking. Our review of and comment on your proposed undertaking are among the requirements of Section 106 of the National Historic Preservation Act. This Act requires federal agencies or applicant for federal assistance to consult with the appropriate State Historic Preservation Office before they carry out their proposed undertakings. The Advisory Council on Historic Preservation has codified procedures for carrying out Section 106 review in 36 CFR 800. You may wish to familiarize yourself with these procedures (Federal Register, December 12, 2000, pages 77698-77739) if you are unsure about the Section 106 process.

Considering available information, we find that the project as currently proposed WILL ADVERSELY AFFECT PROPERTIES THAT ARE ELIGIBLE FOR LISTING IN THE NATIONAL REGISTER OF HISTORIC PLACES. You should now begin immediate consultation with our office. Please direct questions and comments to Joe Garrison (615) 770-1092

Sincerely,

E. Patrick McIntyre, Jr.
Executive Director and
State Historic Preservation Officer

EPM/jyg



Tennessee Valley Authority, 400 West Summit Hill Drive, Knoxville, TN 37902

December 10, 2015

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

Dear Mr. McIntyre:

MEMORANDUM OF AGREEMENT BETWEEN THE TENNESSEE VALLEY AUTHORITY (TVA) AND THE TENNESSEE STATE HISTORIC PRESRVATION OFFICER REGARDING THE GREAT FALLS HYDRO PLANT-SPENCER 46-KILOVOLT (KV) TRANSMISSION LINE RETIREMENT AND REMOVAL PROJECT IN VAN BUREN AND WARREN COUNTIES, TENNESSEE

Pursuant to recent communications between our offices¹, TVA has prepared a Memorandum of Agreement (MOA) to satisfy TVA's responsibility under Section 106 of the National Historic Preservation Act (NHPA) with regard to TVA's proposed retirement and removal of Segment 01 of the Great Falls Hydro Plant (HP)-Spencer 46-kV Transmission Line (TL) in Van Buren and Warren Counties, Tennessee.

Enclosed is a copy of the draft MOA for your review. The MOA will allow for the mitigation of the undertaking's adverse effects on Segment 01 of the Great Falls HP-Spencer 46-kV TL, which our offices agree is eligible for inclusion in the National Register of Historic Places (NRHP), and the NRHP-listed Great Falls Hydroelectric Station. The MOA stipulates that TVA will prepare Historic American Engineering Record documentation for the TL to be removed and send the documentation to the National Park Service, and will also preserve one or more original steel A-frame structures that are part of the historic TL and are related to Great Falls Hydroelectric Station. TVA has notified the Advisory Council on Historic Preservation of the adverse effect, and has provided the Council with documentation of the adverse effect pursuant to 36 CFR § 800.6(a)(1).

Pursuant to Section 106 of the National Historic Preservation Act and its implementing regulations at 36 CFR § 800.6(b), TVA is seeking your comments on the enclosed draft MOA. If you have any questions or comments, please contact Richard Yarnell in Knoxville at wryarnell@tva.gov or (865) 632-3463.

Sincerely,

A handwritten signature in black ink, appearing to read 'Clinton E. Jones'.

Clinton E. Jones, Manager
Biological and Cultural Compliance
Safety, River Management and Environment
WT11C-K

SCC:CSD
Enclosures

¹ Letters dated October 29 and November 5, 2015.

**MEMORANDUM OF AGREEMENT
BETWEEN THE TENNESSEE VALLEY AUTHORITY
AND THE
TENNESSEE STATE HISTORIC PRESERVATION OFFICER
REGARDING THE GREAT FALLS HP-SPENCER 46-KV TRANSMISSION LINE
RETIREMENT AND REMOVAL PROJECT,
VAN BUREN AND WARREN COUNTIES, TENNESSEE**

WHEREAS, the Tennessee Valley Authority (TVA) plans to retire 18 miles of the Great Falls Hydro Plant (HP)-Spencer 46-kilovolt (kV) transmission line (TL), replacing it with a new 161-kV TL Delivery Point, on new Right-of-Way (ROW), to the Caney Fork Electric Cooperative's upgraded Spencer, Tennessee Substation ("the Undertaking"); and

WHEREAS, pursuant to 36 CFR § 800.4(a)(1), TVA has determined (in consultation with the Tennessee State Historic Preservation Officer, or TNSHPO) that the area of potential effects (APE) for this Undertaking, for architectural resources, consists of the 180 TL structures comprising Segments 01 and 02 of the Great Falls HP-Spencer TL (Attachment A), and that the APE for archaeological resources consists of 18 miles of TL right-of-way (ROW) and 38 ca. 16-foot wide access roads that total 17.1 miles in length; and

WHEREAS, pursuant to 36 CFR § 800.4(a), TVA carried out an archaeological survey and identified no archaeological sites within the archaeological APE; and

WHEREAS, TVA carried out a historic architectural survey of the 180 affected TL structures, and identified one previously-recorded historic property located adjacent to the APE: the Great Falls Hydroelectric Station, which was included on the National Register of Historic Places (NRHP) in 1990; and

WHEREAS, the survey also identified one previously unrecorded historic resource, the ca. 12-mile long Segment 01 of the Great Falls HP-Spencer TL, which was installed in 1913 by the Tennessee Power Company, and which includes 85 original steel A-frame TL towers, as well as 14 replacement steel A-frame towers dating to 1931; and

WHEREAS, TVA has determined, in consultation with TNSHPO, that Segment 01 of the Great Falls HP-Spencer TL, by itself, is eligible for inclusion in the NRHP under Criterion A for its historical association with the Tennessee Power Company and the Tennessee Electric Power Company; and that Segment 01 is also a contributing resource to the historic importance of the NRHP-eligible Great Falls Hydroelectric Station; and

WHEREAS, TVA and TNSHPO have agreed in consultation that the Undertaking will not affect archaeological resources;

WHEREAS, TVA finds that the Undertaking will have an adverse effect on Segment 01 of the Great Falls HP-Spencer TL due to the removal of the TL structures, and will also have an adverse effect on NRHP-listed Great Falls Hydroelectric Plant due to the

removal of a contributing resource, and TNSHPO has agreed in consultation that the Undertaking “will adversely affect properties that are eligible for listing in the National Register of Historic Places”; and

WHEREAS, TVA finds that, because the ages of the 1913 and 1931 TL structures renders them incapable of providing the capacity and level of reliability needed to meet modern electrical power demands, because constructing a new 161-kV TL is the only feasible power alternative to serve Caney Fork Electric Cooperative’s Upgraded Spencer Substation, and because the cost of safely maintaining a large number of antique structures is prohibitive, avoidance of the adverse effects of the Undertaking is not possible; and

WHEREAS, pursuant to 36 CFR § 800.6(a)(1), TVA has notified the Advisory Council on Historic Preservation (“Council”) of the adverse effect finding by providing documentation specified in 36 CFR § 800.11(e); and

WHEREAS, pursuant to 36 CFR § 800.3(f)(2), TVA has consulted on a government-to-government basis with the Absentee Shawnee Tribe of Oklahoma, the Chickasaw Nation, the Coshatta Tribe of Louisiana, the Eastern Shawnee Tribe of Oklahoma, Shawnee Tribe, the Cherokee Nation, the Eastern Band of Cherokee Indians, Kialegee Tribal Town, Muscogee (Creek) Nation, Thlopthlocco Tribal Town, and the United Keetoowah Band of Cherokee Indians in Oklahoma regarding the Undertaking’s potential to affect historic properties that are of religious and cultural significance to them, and none of the consulted tribes identified such properties or objected to the Undertaking;

NOW, THEREFORE, TVA and TNSHPO agree that the Undertaking shall be implemented in accordance with the following stipulations to satisfy TVA’s responsibility under Section 106 of the National Historic Preservation Act (NHPA) to mitigate adverse effects on historic properties that result from the Undertaking.

STIPULATIONS

TVA shall ensure that the following stipulations are implemented:

I. MITIGATION OF ADVERSE EFFECTS ON SEGMENT 01 OF THE GREAT FALLS HP-SPENCER TL AND GREAT FALLS HYDROELECTRIC PLANT (“THE UNDERTAKING’S ADVERSE EFFECTS”)

TVA will take the following steps to mitigate the Undertaking’s adverse effect(s).

A. HAER documentation

1. TVA shall prepare Historic American Engineering Record (HAER) documentation for Segment 01 of the Great Falls HP-Spencer 46-kV TL, and shall submit that documentation to the National Park Service (NPS) for review.
2. The HAER documentation shall adhere to the following guidelines, prepared by the Cultural Resources Division, National Park Service, Southeast Region, Atlanta, Georgia:

- a. "Photographic Specifications: Historic American Buildings Survey, Historic American Engineering Record,"
 - b. "Historic American Buildings Survey, Guidelines for Historical Reports," and
 - c. "Preparing HABS/HAER/HALS Documentation."
- B. In-place Preservation of Representative Examples of Steel A-Frame TL Structures
1. TVA shall preserve from one to four original 1913 steel A-Frame TL structures that are part of Segment 01 of the Great Falls HP-Spencer TL, and therefore historically associated with Great Falls Hydroelectric Station, and that are within view of the latter and contribute to its historic setting.
 2. TVA shall safely maintain the preserved structure(s), and shall neither demolish nor permanently remove them.
 3. TVA shall post signage on or near the preserved TL structure(s), indicating the structures' age, their origin as part of the historic Great Falls HP-Spencer TL, and their historic association with Great Falls Hydroelectric Station.
 4. TVA shall prepare a Preservation Plan for the preserved structure(s), and shall provide TNSHPO with a copy of the Preservation Plan. The Preservation Plan will stipulate that TVA shall periodically preserve the TL structure(s) and maintain it/them in sound condition.

II. SCHEDULE

A. HAER Documentation

1. TVA shall solicit comments and recommendations of the NPS Lead Historian concerning the appropriate level of HAER documentation for Segment 01 of the Great Falls HP-Spencer TL, prior to preparing a draft of the HAER documentation.
2. TVA shall seek guidance from Tennessee Historic Commission staff, as needed, while preparing the final HAER documentation. TVA shall ensure that the draft HAER documentation is submitted to TNSHPO for review within six months of TVA's decision to carry out the Undertaking. TVA's decision will be publicized in local news media.
3. TNSHPO shall provide comments on the draft HAER documentation within 45 days of receiving that documentation from TVA. TVA shall take any such comments into consideration while finalizing the HAER documentation.
4. TVA shall complete the final HAER documentation and submit it to the NPS within one calendar year following TVA's decision to carry out the Undertaking.

B. In-place Preservation of Representative Examples of Steel A-Frame TL Structures

1. TVA shall complete Stipulations I.B.(1)-(3) of this MOA within one calendar year following TVA's decision to carry out the Undertaking.

2. TVA shall provide TNSHPO with a copy of the Preservation Plan developed under Stipulation 1.B.(4) within 90 days of TVA's decision to carry out the Undertaking.

III. AUTHORITY

The TVA Federal Preservation Officer, or the designee thereof, shall act for TVA in all matters concerning the administration of this agreement.

IV. DURATION

This MOA will be in effect for three (3) years from the date of its execution unless all Signatories mutually agree to extend the duration of the MOA.

V. REPORTING OF UNANTICIPATED EFFECTS

If unanticipated effects on historic properties occur during the Undertaking, TVA shall implement the Plan for Reporting Unanticipated effects included as Attachment B of this MOA.

VI. DISPUTE RESOLUTION

Should TNSHPO object at any time to any actions proposed herein or to the manner in which the terms of this MOA are implemented, TVA shall consult with TNSHPO to resolve the objection. If TVA determines that the objection cannot be resolved, TVA, or TNSHPO, may seek guidance from the Council pursuant to 36 CFR § 800.2(b)(2). TVA will take into account any Council comment provided in response to such a request, in resolving any such dispute. The Signatories are responsible for carrying out all actions under this MOA that are not the subject of the dispute.

VII. AMENDMENTS

The Signatories to this agreement may agree to amend the terms of this agreement. Any such amendment shall become effective upon its signing by the Signatories, and the final amendment shall thereafter be appended to this agreement.

VIII. TERMINATION

If either Signatory to this MOA determines that the terms cannot be or are not being carried out, that party shall immediately consult with the other party to attempt to develop an amendment in accordance with Stipulation VII of this agreement. If the agreement is not amended within thirty (30) days of the initiation of such consultation (or another time period agreed to by the Signatories), either Signatory may terminate the MOA upon written notification to the other Signatory.

Once the MOA is terminated, and prior to work continuing on the Undertaking, TVA must either (a) execute a new MOA, or (b) request, take into account, and respond to the comments provided by the Council under 36 CFR § 800.7. TVA shall notify TNSHPO as to the course of action TVA will pursue.

If Stipulations I.A. and I.B. have not been implemented within 3 years from the date of execution, this MOA will be terminated unless all Signatories mutually agree to extend the duration of the MOA.

EXECUTION of this Memorandum of Agreement (MOA) by TVA and the TNSHPO, the submission of documentation and filing of this MOA with the Council, and implementation of its terms evidence that TVA has, in accordance with Section 106 of the National Historic Preservation Act, taken into account the effects of this Undertaking on Historic Properties and afforded the Council an opportunity to comment. TVA will submit a copy of the executed MOA, along with the documentation that is specified in 36 CFR § 800.11(f), to the Council.

SIGNATORY

TENNESSEE VALLEY AUTHORITY

By: _____
Wilbourne C. Markham, Federal Preservation Officer

Date: _____

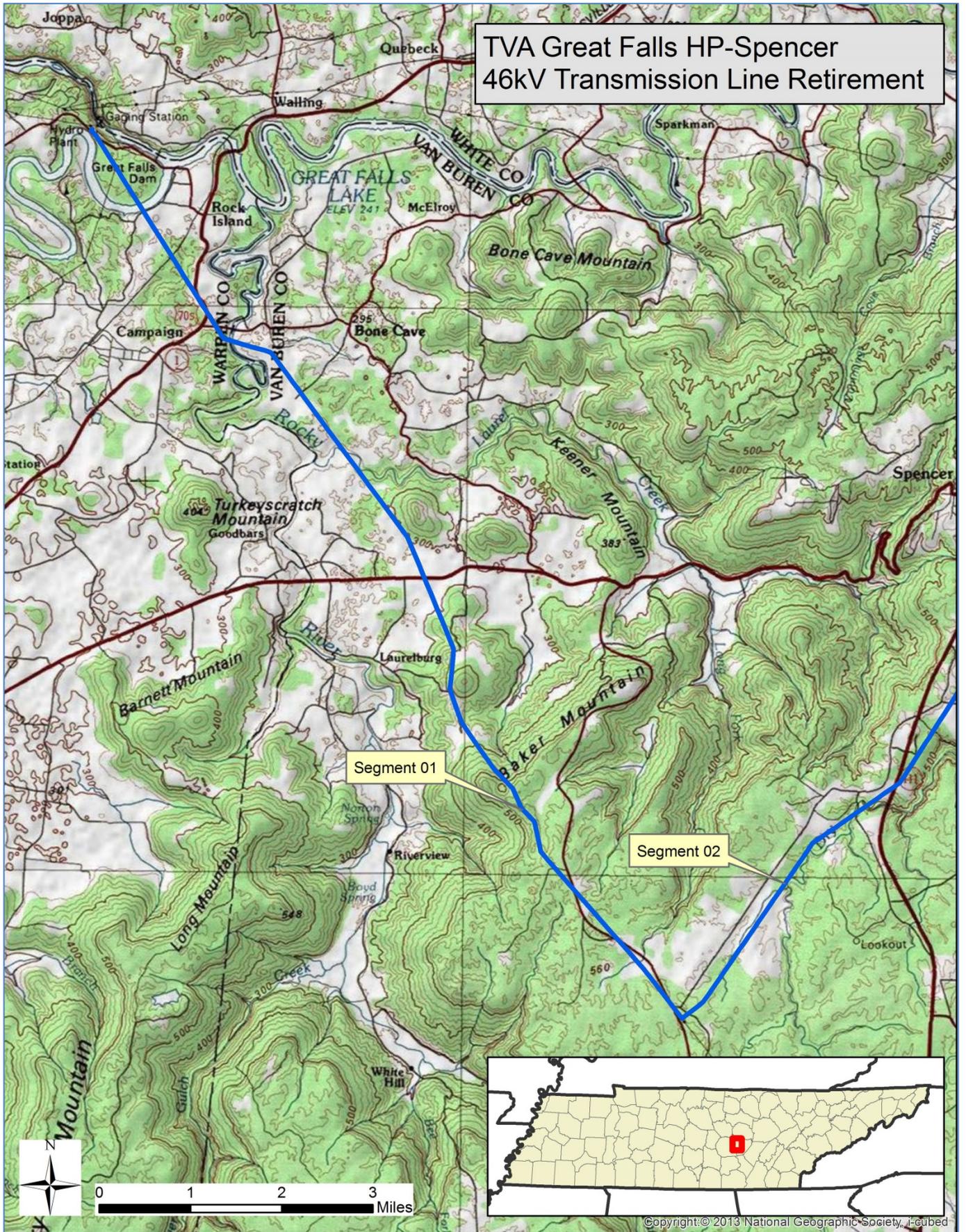
SIGNATORY

THE TENNESSEE STATE HISTORIC PRESERVATION OFFICER

By: _____ Date: _____
E. Patrick McIntyre, Jr., Tennessee State Historic Preservation Officer

Appendix A

Location of the Great Falls HP-Spencer TL, Van Buren and Warren Counties, Kentucky



Appendix B
Plan for Reporting Unanticipated Effects

An Unanticipated Effect is any physical damage to any part of an historic property (including as-yet unrecorded archaeological sites that are eligible for inclusion in the National register of Historic Places, Segment 01 of the Great Falls HP-Spencer 46kV Transmission Line, and Great Falls Hydroelectric Station) that was not foreseen and not expected, that occurs during any activity that is part of the Great Falls HP-Spencer 46kV TL Retirement project (the "Project").

TVA will ensure that on-site personnel responsible for supervising and overseeing the Project are aware of their responsibility to report any Unanticipated Effect, and to do so in a timely manner.

In the event of an Unanticipated Effect, the on-site supervisor or the Principal Engineer overseeing the Project will contact TVA Cultural Compliance immediately. Contact information is provided below.

TVA Cultural Compliance will evaluate whether the Unanticipated Effect constitutes an adverse effect to the historic property. Cultural Compliance staff will utilize whatever methods and means necessary to make this evaluation, and will make the evaluation as expeditiously as possible.

If Cultural Compliance determines that the Unanticipated Effect constitutes an adverse effect to an historic property (pursuant to 36 CFR § 800.5(a)(1)), then TVA will follow the procedures under 36 CFR § 800.13(b)(3) (for resolution of adverse effects that occur after the agency official has completed the Section 106 process without establishing a process to plan for subsequent discoveries):

1. TVA shall notify TNSHPO and the Advisory Council within 48 hours of discovering the Unanticipated Effect. The notification will summarize TVA's earlier determination on the eligibility of the affected property for inclusion for the National Register of Historic Places (NRHP) and will include one or more proposed actions to resolve the adverse effect.
2. TVA will allow 48 hours for TNSHPO and the Advisory Council to respond.
3. TVA shall take into consideration the recommendations of KYSHPO and the Advisory Council regarding the proposed actions and the NRHP eligibility of the property, and shall then carry out appropriate actions.

Contact information:

TVA Business Unit	Name, title	Phone number	Email
Cultural Compliance	Richard Yarnell, Archaeologist	(865) 632-3463	wryarnell@tva.gov
Natural Resources Compliance	Bo Baxter, Manager	(865) 632-3360	jtbaxter@tva.gov
Biological & Cultural Compliance	Clint Jones, Manager	(865) 632-3404	cjones5@tva.gov

INTERNAL COPIES:

Amy Henry, WT11D-K
Susan Jacks, WT11C-K
Skip Markham, BR 4A-C
Khurshid Mehta, WT 6A-K
Paul Pearman, BR 4A-C
Emily Willard, MR 4G-C
Richard Yarnell, WT11D-K
EDMS, WT CA-K



Tennessee Valley Authority, 400 West Summit Hill Drive, Knoxville, TN 37902

January 12, 2016

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

Dear Mr. McIntyre:

MEMORANDUM OF AGREEMENT (MOA) BETWEEN THE TENNESSEE VALLEY
AUTHORITY (TVA) AND THE TENNESSEE STATE HISTORIC PRESRVATION OFFICER
REGARDING THE GREAT FALLS HYDRO PLANT-SPENCER 46-KILOVOLT TRANSMISSION
LINE RETIREMENT AND REMOVAL PROJECT IN VAN BUREN AND WARREN COUNTIES,
TENNESSEE

Enclosed is one copy of the subject MOA on acid-free paper with the signatures of Wilbourne C. Markham, Jr. of TVA and yourself. Pursuant to 800.6(b)(1)(iv), TVA will submit a copy of the executed MOA to the Advisory Council on Historic Preservation.

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

Sincerely,

A handwritten signature in black ink, appearing to read "Clinton E. Jones".

Clinton E. Jones
Manager, Biological and Cultural Compliance
Safety, River Management and Environment
WT11C-K

SCC:CSD
Enclosures

**MEMORANDUM OF AGREEMENT
BETWEEN THE TENNESSEE VALLEY AUTHORITY
AND THE
TENNESSEE STATE HISTORIC PRESERVATION OFFICER
REGARDING THE GREAT FALLS HP-SPENCER 46-KV TRANSMISSION LINE
RETIREMENT AND REMOVAL PROJECT,
VAN BUREN AND WARREN COUNTIES, TENNESSEE**

WHEREAS, the Tennessee Valley Authority (TVA) plans to retire 18 miles of the Great Falls Hydro Plant (HP)-Spencer 46-kilovolt (kV) transmission line (TL), replacing it with a new 161-kV TL Delivery Point, on new Right-of-Way (ROW), to the Caney Fork Electric Cooperative's upgraded Spencer, Tennessee Substation ("the Undertaking"); and

WHEREAS, pursuant to 36 CFR § 800.4(a)(1), TVA has determined (in consultation with the Tennessee State Historic Preservation Officer, or TNSHPO) that the area of potential effects (APE) for this Undertaking, for architectural resources, consists of the 180 TL structures comprising Segments 01 and 02 of the Great Falls HP-Spencer TL (Attachment A), and that the APE for archaeological resources consists of 18 miles of TL right-of-way (ROW) and 38 ca. 16-foot wide access roads that total 17.1 miles in length; and

WHEREAS, pursuant to 36 CFR § 800.4(a), TVA carried out an archaeological survey and identified no archaeological sites within the archaeological APE; and

WHEREAS, TVA carried out a historic architectural survey of the 180 affected TL structures, and identified one previously-recorded historic property located adjacent to the APE: the Great Falls Hydroelectric Station, which was included on the National Register of Historic Places (NRHP) in 1990; and

WHEREAS, the survey also identified one previously unrecorded historic resource, the ca. 12-mile long Segment 01 of the Great Falls HP-Spencer TL, which was installed in 1913 by the Tennessee Power Company, and which includes 85 original steel A-frame TL towers, as well as 14 replacement steel A-frame towers dating to 1931; and

WHEREAS, TVA has determined, in consultation with TNSHPO, that Segment 01 of the Great Falls HP-Spencer TL, by itself, is eligible for inclusion in the NRHP under Criterion A for its historical association with the Tennessee Power Company and the Tennessee Electric Power Company; and that Segment 01 is also a contributing resource to the historic importance of the NRHP-eligible Great Falls Hydroelectric Station; and

WHEREAS, TVA and TNSHPO have agreed in consultation that the Undertaking will not affect archaeological resources;

WHEREAS, TVA finds that the Undertaking will have an adverse effect on Segment 01 of the Great Falls HP-Spencer TL due to the removal of the TL structures, and will also have an adverse effect on NRHP-listed Great Falls Hydroelectric Plant due to the

removal of a contributing resource, and TNSHPO has agreed in consultation that the Undertaking “will adversely affect properties that are eligible for listing in the National Register of Historic Places”; and

WHEREAS, TVA finds that, because the ages of the 1913 and 1931 TL structures renders them incapable of providing the capacity and level of reliability needed to meet modern electrical power demands, because constructing a new 161-kV TL is the only feasible power alternative to serve Caney Fork Electric Cooperative’s Upgraded Spencer Substation, and because the cost of safely maintaining a large number of antique structures is prohibitive, avoidance of the adverse effects of the Undertaking is not possible; and

WHEREAS, pursuant to 36 CFR § 800.6(a)(1), TVA has notified the Advisory Council on Historic Preservation (“Council”) of the adverse effect finding by providing documentation specified in 36 CFR § 800.11(e); and

WHEREAS, pursuant to 36 CFR § 800.3(f)(2), TVA has consulted on a government-to-government basis with the Absentee Shawnee Tribe of Oklahoma, the Chickasaw Nation, the Coushatta Tribe of Louisiana, the Eastern Shawnee Tribe of Oklahoma, Shawnee Tribe, the Cherokee Nation, the Eastern Band of Cherokee Indians, Kialegee Tribal Town, Muscogee (Creek) Nation, Thlopthlocco Tribal Town, and the United Keetoowah Band of Cherokee Indians in Oklahoma regarding the Undertaking’s potential to affect historic properties that are of religious and cultural significance to them, and none of the consulted tribes identified such properties or objected to the Undertaking;

NOW, THEREFORE, TVA and TNSHPO agree that the Undertaking shall be implemented in accordance with the following stipulations to satisfy TVA’s responsibility under Section 106 of the National Historic Preservation Act (NHPA) to mitigate adverse effects on historic properties that result from the Undertaking.

STIPULATIONS

TVA shall ensure that the following stipulations are implemented:

I. MITIGATION OF ADVERSE EFFECTS ON SEGMENT 01 OF THE GREAT FALLS HP-SPENCER TL AND GREAT FALLS HYDROELECTRIC PLANT (“THE UNDERTAKING’S ADVERSE EFFECTS”)

TVA will take the following steps to mitigate the Undertaking’s adverse effect(s).

A. HAER documentation

1. TVA shall prepare Historic American Engineering Record (HAER) documentation for Segment 01 of the Great Falls HP-Spencer 46-kV TL, and shall submit that documentation to the National Park Service (NPS) for review.
2. The HAER documentation shall adhere to the following guidelines, prepared by the Cultural Resources Division, National Park Service, Southeast Region, Atlanta, Georgia:

- a. "Photographic Specifications: Historic American Buildings Survey, Historic American Engineering Record,"
 - b. "Historic American Buildings Survey, Guidelines for Historical Reports," and
 - c. "Preparing HABS/HAER/HALS Documentation."
- B. In-place Preservation of Representative Examples of Steel A-Frame TL Structures
1. TVA shall preserve from one to four original 1913 steel A-Frame TL structures that are part of Segment 01 of the Great Falls HP-Spencer TL, and therefore historically associated with Great Falls Hydroelectric Station, and that are within view of the latter and contribute to its historic setting.
 2. TVA shall safely maintain the preserved structure(s), and shall neither demolish nor permanently remove them.
 3. TVA shall post signage on or near the preserved TL structure(s), indicating the structures' age, their origin as part of the historic Great Falls HP-Spencer TL, and their historic association with Great Falls Hydroelectric Station.
 4. TVA shall prepare a Preservation Plan for the preserved structure(s), and shall provide TNSHPO with a copy of the Preservation Plan. The Preservation Plan will stipulate that TVA shall periodically preserve the TL structure(s) and maintain it/them in sound condition.

II. SCHEDULE

A. HAER Documentation

1. TVA shall solicit comments and recommendations of the NPS Lead Historian concerning the appropriate level of HAER documentation for Segment 01 of the Great Falls HP-Spencer TL, prior to preparing a draft of the HAER documentation.
2. TVA shall seek guidance from Tennessee Historic Commission staff, as needed, while preparing the final HAER documentation. TVA shall ensure that the draft HAER documentation is submitted to TNSHPO for review within six months of TVA's decision to carry out the Undertaking. TVA's decision will be publicized in local news media.
3. TNSHPO shall provide comments on the draft HAER documentation within 45 days of receiving that documentation from TVA. TVA shall take any such comments into consideration while finalizing the HAER documentation.
4. TVA shall complete the final HAER documentation and submit it to the NPS within one calendar year following TVA's decision to carry out the Undertaking.

B. In-place Preservation of Representative Examples of Steel A-Frame TL Structures

1. TVA shall complete Stipulations I.B.(1)-(3) of this MOA within one calendar year following TVA's decision to carry out the Undertaking.

2. TVA shall provide TNSHPO with a copy of the Preservation Plan developed under Stipulation 1.B.(4) within 90 days of TVA's decision to carry out the Undertaking.

III. AUTHORITY

The TVA Federal Preservation Officer, or the designee thereof, shall act for TVA in all matters concerning the administration of this agreement.

IV. DURATION

This MOA will be in effect for three (3) years from the date of its execution unless all Signatories mutually agree to extend the duration of the MOA.

V. REPORTING OF UNANTICIPATED EFFECTS

If unanticipated effects on historic properties occur during the Undertaking, TVA shall implement the Plan for Reporting Unanticipated effects included as Attachment B of this MOA.

VI. DISPUTE RESOLUTION

Should TNSHPO object at any time to any actions proposed herein or to the manner in which the terms of this MOA are implemented, TVA shall consult with TNSHPO to resolve the objection. If TVA determines that the objection cannot be resolved, TVA, or TNSHPO, may seek guidance from the Council pursuant to 36 CFR § 800.2(b)(2). TVA will take into account any Council comment provided in response to such a request, in resolving any such dispute. The Signatories are responsible for carrying out all actions under this MOA that are not the subject of the dispute.

VII. AMENDMENTS

The Signatories to this agreement may agree to amend the terms of this agreement. Any such amendment shall become effective upon its signing by the Signatories, and the final amendment shall thereafter be appended to this agreement.

VIII. TERMINATION

If either Signatory to this MOA determines that the terms cannot be or are not being carried out, that party shall immediately consult with the other party to attempt to develop an amendment in accordance with Stipulation VII of this agreement. If the agreement is not amended within thirty (30) days of the initiation of such consultation (or another time period agreed to by the Signatories), either Signatory may terminate the MOA upon written notification to the other Signatory.

Once the MOA is terminated, and prior to work continuing on the Undertaking, TVA must either (a) execute a new MOA, or (b) request, take into account, and respond to the comments provided by the Council under 36 CFR § 800.7. TVA shall notify TNSHPO as to the course of action TVA will pursue.

If Stipulations I.A. and I.B. have not been implemented within 3 years from the date of execution, this MOA will be terminated unless all Signatories mutually agree to extend the duration of the MOA.

EXECUTION of this Memorandum of Agreement (MOA) by TVA and the TNSHPO, the submission of documentation and filing of this MOA with the Council, and implementation of its terms evidence that TVA has, in accordance with Section 106 of the National Historic Preservation Act, taken into account the effects of this Undertaking on Historic Properties and afforded the Council an opportunity to comment. TVA will submit a copy of the executed MOA, along with the documentation that is specified in 36 CFR § 800.11(f), to the Council.

SIGNATORY

TENNESSEE VALLEY AUTHORITY

By: Wilbourne C. Markham
Wilbourne C. Markham
Federal Preservation Officer

Date: 12/22/15

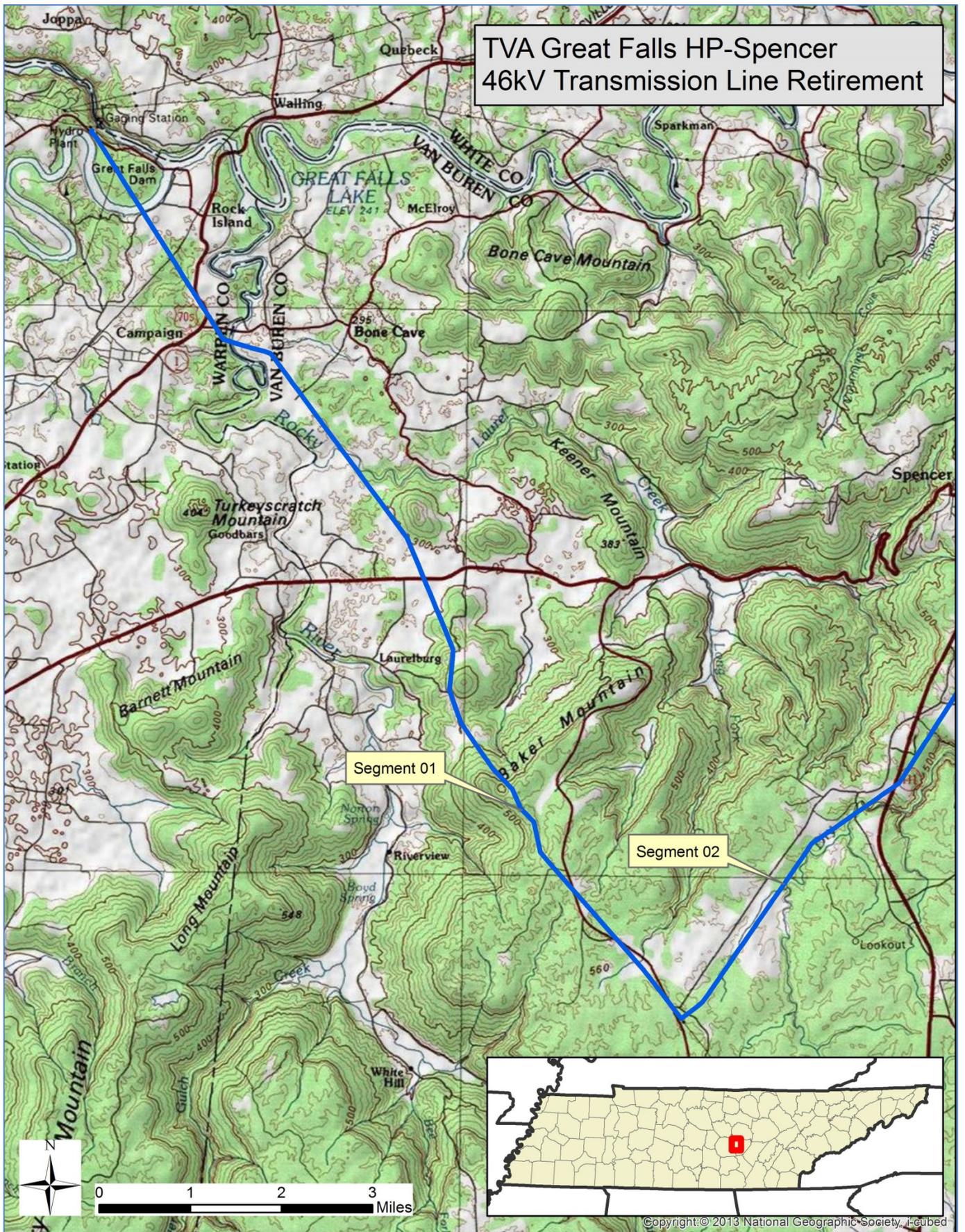
SIGNATORY

THE TENNESSEE STATE HISTORIC PRESERVATION OFFICER

By: E. Patrick McIntyre Date: 1/6/16
E. Patrick McIntyre, Jr., Tennessee State Historic Preservation Officer

Appendix A

Location of the Great Falls HP-Spencer TL, Van Buren and Warren Counties, Kentucky



Appendix B
Plan for Reporting Unanticipated Effects

An Unanticipated Effect is any physical damage to any part of an historic property (including as-yet unrecorded archaeological sites that are eligible for inclusion in the National register of Historic Places, Segment 01 of the Great Falls HP-Spencer 46kV Transmission Line, and Great Falls Hydroelectric Station) that was not foreseen and not expected, that occurs during any activity that is part of the Great Falls HP-Spencer 46kV TL Retirement project (the “Project”).

TVA will ensure that on-site personnel responsible for supervising and overseeing the Project are aware of their responsibility to report any Unanticipated Effect, and to do so in a timely manner.

In the event of an Unanticipated Effect, the on-site supervisor or the Principal Engineer overseeing the Project will contact TVA Cultural Compliance immediately. Contact information is provided below.

TVA Cultural Compliance will evaluate whether the Unanticipated Effect constitutes an adverse effect to the historic property. Cultural Compliance staff will utilize whatever methods and means necessary to make this evaluation, and will make the evaluation as expeditiously as possible.

If Cultural Compliance determines that the Unanticipated Effect constitutes an adverse effect to an historic property (pursuant to 36 CFR § 800.5(a)(1)), then TVA will follow the procedures under 36 CFR § 800.13(b)(3) (for resolution of adverse effects that occur after the agency official has completed the Section 106 process without establishing a process to plan for subsequent discoveries):

1. TVA shall notify TNSHPO and the Advisory Council within 48 hours of discovering the Unanticipated Effect. The notification will summarize TVA’s earlier determination on the eligibility of the affected property for inclusion for the National Register of Historic Places (NRHP) and will include one or more proposed actions to resolve the adverse effect.
2. TVA will allow 48 hours for TNSHPO and the Advisory Council to respond.
3. TVA shall take into consideration the recommendations of KYSHPO and the Advisory Council regarding the proposed actions and the NRHP eligibility of the property, and shall then carry out appropriate actions.

Contact information:

TVA Business Unit	Name, title	Phone number	Email
Cultural Compliance	Richard Yarnell, Archaeologist	(865) 632-3463	wryarnell@tva.gov
Natural Resources Compliance	Bo Baxter, Manager	(865) 632-3360	jtbaxter@tva.gov
Biological & Cultural Compliance	Clint Jones, Manager	(865) 632-3404	cjones5@tva.gov

INTERNAL COPIES:

Michelle Cagley, KFP 1T-KST
Amy Henry, WT11D-K
Susan Jacks, WT11C-K
Skip Markham, BR 4A-C
Khurshid Mehta, WT 6A-K
Paul Pearman, BR 4A-C
Emily Willard, MR 4G-C
Richard Yarnell, WT11D-K
EDMS, WT CA-K



Tennessee Valley Authority, 400 West Summit Hill Drive, Knoxville, TN 37902

December 3, 2015

Ms. Najah Duvall-Gabriel
Advisory Council on Historic Preservation
401 F Street NW, Suite 308
Washington, DC 20001-2637

Dear Ms. Duvall-Gabriel:

TENNESSEE VALLEY AUTHORITY (TVA), FINDING OF ADVERSE EFFECT, GREAT FALLS HYDRO PLANT-SPENCER 46-KILOVOLT (KV) TRANSMISSION LINE RETIREMENT AND REMOVAL PROJECT, VAN BUREN AND WARREN COUNTIES, TENNESSEE (35.6639622° N, 85.5211142° W)

TVA proposes to retire 18 miles of the Great Falls Hydro Plant (HP)-Spencer 46-kV transmission line (TL), replacing it with a new 161-kV Delivery Point to the Caney Fork Electric Cooperative's (CFEC) upgraded Spencer, Tennessee Substation. The new 161-kV TL would be built along ca. 4.62 miles of new right-of-way (ROW). The existing 46-kV TL that TVA proposes to retire and remove consists of two segments. Segment 01 stretches 12 miles from Great Falls Hydroelectric Plant on the Caney Fork River in Warren County (35.8040697° N, 85.6337631° W) to a point (35.6639622° N, 85.5211142° W) on Baker Mountain Road near Welchland. Segment 02 runs 6 miles northeast from that point to Spencer (end point: 35.7334890° N, 85.4520699° W). Structures (poles and towers) and electrical cable would be removed, but TVA would retain the 50-foot wide right-of-way (ROW).

TVA consulted with the Tennessee State Historic Preservation Officer (TNSHPO) and federally-recognized Indian tribes regarding the undertaking's potential to affect historic properties, pursuant to 36 CFR Part 800.4(d)(1). Based on cultural resources surveys carried out in partial fulfillment of Section 106 of the National Historic Preservation Act (NHPA), TVA finds that two archaeological sites (40VB145 and 40VB149) located in the APE could contain information important in prehistory, and have "undetermined" eligibility for inclusion in the National Register of Historic Places (NRHP). TVA has elected to avoid effects to both sites. TVA and TNSHPO have agreed to a set of avoidance measures that TVA will follow when carrying out the undertaking.

TVA finds that one architectural historic property eligible for inclusion in the NRHP is located within the APE: Segment 01 of the Great Falls HP-Spencer 46kV TL. This TL segment was originally constructed by the Tennessee Power Company (TPC) in 1913 to distribute electricity generated by Great Falls Hydroelectric Station, and still contains most of the original steel A-frame towers. TVA has determined that the proposed undertaking will adversely affect Segment 01 of the Great Falls HP-Spencer 46kV TL. In addition, TVA proposes that this TL segment is a contributing element to NRHP-listed Great Falls Hydroelectric Station, and therefore, the undertaking will also result in an adverse effect to the latter resource. TVA consulted with TNSHPO regarding these determinations

Ms. Najah Duvall-Gabriel
Page Two
December 3, 2015

and findings, and TNSHPO agrees that the undertaking “will adversely affect historic properties that are eligible for listing in in the National Register of Historic Places”.

TVA has proposed entering into a Memorandum of Agreement (MOA) with TNSHPO for the resolution of adverse effects from the undertaking. Pursuant to 36 CFR § 800.6(a), TVA shall consult further with TNSHPO to develop and evaluate measures that could avoid, minimize or mitigate the adverse effects.

To date, two consulted Indian tribes have responded to TVA regarding the undertaking: the United Keetoowah Band of Cherokee Indians in Oklahoma and the Thlopthlocco Tribal Town. Both tribes expressed a lack of objections or concerns regarding the undertaking.

We have enclosed one bound copy of the draft Phase I architectural survey report titled, *A Phase I Cultural Resources Survey of the Planned Great Falls Hydro-Spencer 46-kV Retirement and Demolition Project in Van Buren and Warren Counties, Tennessee*, as documentation pursuant to 36 CFR § 800.11(e) supporting TVA’s finding of adverse effect. In addition, we have enclosed copies of the relevant Section 106 consultation letters between TVA and TNSHPO related to this undertaking.

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

Sincerely,



Clinton E. Jones, Manager
Biological and Cultural Resources
Safety, River Management and Environment
WT11C-K

SCC:CSD

Enclosures: 1) Letters from TVA to SHPO dated June 10, October 29, and November 9, 2015.
2) Letters from TN SHPO to TVA dated July 13, November 5, November 6, and November 16, 2015.
3) One bound copy of the report, *A Phase I Cultural Resources Survey of the Planned Great Falls Hydro-Spencer 46-kV Retirement and Demolition Project in Van Buren and Warren Counties, Tennessee*.

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

A Phase I Cultural Resources Survey of the Planned Great Falls Hydro-Spencer 46-kV Retirement and Demolition Project in Van Buren and Warren Counties, Tennessee



Tennessee
Valley
Archaeological
Research



TENNESSEE HISTORICAL COMMISSION
 2941 LEBANON ROAD
 NASHVILLE, TENNESSEE 37243-0442
 OFFICE: (615) 532-1550

Received
 7/20/15

July 13, 2015

Mr. Clinton E. Jones
 Tennessee Valley Authority
 400 West Summit Hill Drive
 Knoxville, Tennessee
 37902

RE: TVA, ARCHITECTURAL/ARCHAEOLOGICAL SURVEY REPORT, SPENCER 161KV TRANSMISSION LINE, DELIVERY POINT, PHASE ONE, VAN BUREN COUNTY

Dear Mr. Jones:

In response to your request, received on June 11, 2015, we have reviewed the documents you submitted regarding your proposed undertaking. Our review of and comment on your proposed undertaking are among the requirements of Section 106 of the National Historic Preservation Act. This Act requires federal agencies or applicant for federal assistance to consult with the appropriate State Historic Preservation Office before they carry out their proposed undertakings. The Advisory Council on Historic Preservation has codified procedures for carrying out Section 106 review in 36 CFR 800. You may wish to familiarize yourself with these procedures (Federal Register, December 12, 2000, pages 77698-77739) if you are unsure about the Section 106 process. You may also find additional information concerning the Section 106 process and the Tennessee SHPO's documentation requirements at <http://www.tennessee.gov/environment/hist/federal/sect106.shtml>

Considering the information provided, we find that the area of potential effects for this undertaking contains no cultural resources eligible for listing in the National Register of Historic Places. You should notify interested persons and make the documentation associated with this finding available to the public.

If your agency proposes any modifications in current project plans or discovers any archaeological remains during the ground disturbance or construction phase, please contact this office to determine what further action, if any, will be necessary to comply with Section 106 of the National Historic Preservation Act.

This office appreciates your cooperation.

Sincerely,

E. Patrick McIntyre, Jr.
 Executive Director and
 State Historic Preservation Officer

EPM/jyg
 annuit coeptis



Tennessee Valley Authority, 400 West Summit Hill Drive, Knoxville, TN 37902

October 29, 2015

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

Dear Mr. McIntyre:

TENNESSEE VALLEY AUTHORITY (TVA), GREAT FALLS HYDRO PLANT-SPENCER 46-KILOVOLT (KV) TRANSMISSION LINE RETIREMENT AND REMOVAL PROJECT, PHASE I CULTURAL RESOURCES SURVEY, VAN BUREN AND WARREN COUNTIES, TENNESSEE

TVA proposes to retire 18 miles of the Great Falls Hydro Plant (HP)-Spencer 46-kV transmission line (TL), replacing it with a new 161-kV Delivery Point to the Caney Fork Electric Cooperative's (CFEC) upgraded Spencer, Tennessee Substation (which your office provided concurrence for on July 13, 2015). The existing 46-kV TL consists of two segments. Segment 01 stretches from Great Falls Hydroelectric Plant on the Caney Fork River in Warren County (35.8040697° N, 85.6337631° W) to an end point (35.6639622° N, 85.5211142° W) on Baker Mountain Road near Welchland, where it joins Segment 02, which then runs northeast to Spencer (end point: 35.7334890° N, 85.4520699° W). Structures (poles and towers) and electrical cable would be removed, but TVA will retain the 50-foot wide right-of-way (ROW). TVA has determined that this proposed TL uprate project is an undertaking (as defined at 36 CFR § 800.16(y)) that has the potential to cause effects on historic properties. We are initiating consultation under Section 106 of the National Historic Preservation Act for this undertaking.

TVA has identified the area of potential effects (APE) for archaeological resources as 18 miles of ROW and 38 ca. 16-foot wide access roads that total 17.1 miles in length. TVA has identified the APE for above-ground (historic architectural) resources as the 180 TL structures comprising Segments 01 and 02 of the TL.

Based on a review of current topographic maps and aerial photographs, TVA identified areas within the APE that have low probability for the occurrence of archaeological sites, and areas with moderate to high probability. TVA contracted with Tennessee Valley Archaeological Research (TVAR) to perform a Phase I archaeological survey of the moderate to high probability areas within the APE and a Phase I architectural assessment of the 180 structures to be removed. Enclosed are two bound copies of the draft report, titled *A Phase I Cultural Resources Survey of the Planned Great Falls Hydro-Spencer 46-kV Retirement and Demolition Project in Van Buren and Warren Counties, Tennessee*, along with two CDs containing digital copies of the report.

TVAR's background study, conducted prior to the field study, indicated that no previously

Mr. E. Patrick McIntyre, Jr.
Page Two
October 29, 2015

recorded archaeological sites are located within the study area. One previously recorded historic architectural resource, Great Falls Hydroelectric Station, partially overlaps the APE. TVA and the Tennessee Historical Commission made a consensus determination of eligibility for this property in 1985, and it was listed in the National Register of Historic Places (NRHP) in 1990. This current undertaking would result in no physical changes to Great Falls Hydroelectric Station.

The archaeological survey identified eight archaeological sites and six isolated finds of archaeological material. TVAR recommends that one of the sites, 40VB149, could contribute to ongoing research on the prehistory of the region, but given limitation inherent in Phase I surveys, its NRHP eligibility is recommended as undetermined. TVAR recommends the remaining seven sites (40VB150-40VB156) and six isolated finds are all ineligible for inclusion in the NRHP, due to a lack of data potential.

The architectural assessment verified that Segment 01 of the Great Falls HP-Spencer 46kV TL was originally constructed by the Tennessee Power Company (TPC) in 1913, contains some replacement structures installed in 1931, and retains its historic integrity. TVAR recommends that this segment, totaling approximately 12.01 miles in length, is eligible for inclusion in the NRHP under Criterion A for its historical association with TPC and the Tennessee Electric Power Company (TEPCO), and as a contributing resource to the NRHP-eligible Great Falls Hydroelectric Station. Segment 02 of the Great Falls HP-Spencer 46kV TL was constructed by TVA between 1969 and 2012 and consists of a mix of wood and steel poles of various ages. TVAR recommends that Segment 02 is ineligible for the NRHP.

TVA has reviewed the enclosed letter report and agrees with the findings and recommendations of the authors. Based on the survey, TVA finds that there is one archaeological site of undetermined NRHP eligibility within the APE: 40VB149. This site is within the ROW at a location that would be used for vehicular access between adjacent TL structures. TVA will place a 10-meter avoidance buffer surrounding the site, and will note this on all project plans and designs. TVA will avoid effects to this site by restricting the work within the avoidance buffer to times of dry and firm ground, or by using low ground pressure equipment, or by placing wetland mats over the avoidance buffer before performing the work. TVA finds that, with these restrictions on the work, the undertaking will result in no adverse effects to 40VB149.

TVA finds that the undertaking would result in an adverse effect to Segment 01 of the Great Falls HP-Spencer 46kV TL. Sections of this transmission line have an original in-service date of 1913 and have exceeded the useful life-cycle for such equipment in terms of both capacity and reliability. The failure of this transmission line, or the associated equipment at Great Falls Hydro Plant, would result in the inability of TVA to provide power to the Spencer, Tennessee area. As a result of the reliability issues related to the aging equipment and infrastructure, and no power alternatives to serve CFEC in this area, CFEC has requested that TVA provide a new 161-kV delivery point to the upgraded Spencer, Tennessee Substation. The subsequent retirement and removal of structures and conductor of the Great Falls HP-Spencer 46kV TL is necessary to avoid both maintenance and safety issues related to aged infrastructure. Therefore, TVA is unable to find an alternative that would avoid effects to this historic transmission line.

Mr. E. Patrick McIntyre, Jr.
Page Three
October 29, 2015

In addition, TVAR recommends that the undertaking would result in an adverse effect to Great Falls Hydroelectric Station, given their recommendation that Segment 01 of the Great Falls HP-Spencer 46kV TL should be included as a contributing resource to that property. TVA agrees with this recommendation, pending SHPO agreement that Segment 01 of the Great Falls HP-Spencer 46kV TL is a contributing element to Great Falls Hydroelectric Station.

TVA is seeking ways to mitigate the adverse effect from the undertaking. We respectfully request your agreement to review a draft Memorandum of Agreement (MOA) that would stipulate measures for TVA to follow in order to resolve the adverse effect. We propose that such measures could include preparation of state-level Historic American Engineering Record documentation, and possibly leaving a small number of intact 1913 TL structures near the Great Falls Hydroelectric Plant reservation as monuments.

Pursuant to 36 CFR Part 800.4(d)(1), we are seeking your concurrence with TVA's findings and determinations and your agreement to review an MOA for the resolution of the undertaking's adverse effect on Segment 01 of the Great Falls HP-Spencer 46kV TL.

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

Pursuant to 36 CFR Part 800.6(a)(1), TVA is notifying the Advisory Council on Historic Preservation of the adverse effect finding.

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

Sincerely,



Clinton E. Jones, Manager
Biological and Cultural Compliance
Safety, River Management and Environment
WT11C-K

SCC:CSD

Enclosures

cc (Enclosures):

Ms. Jennifer Barnett
Tennessee Division of Archaeology
1216 Foster Avenue, Cole Bldg. #3
Nashville, Tennessee 37210

A Phase I Cultural Resources Survey of the Planned Great Falls Hydro-Spencer 46-kV Retirement and Demolition Project in Van Buren and Warren Counties, Tennessee





TENNESSEE HISTORICAL COMMISSION
STATE HISTORIC PRESERVATION OFFICE
2941 LEBANON ROAD
NASHVILLE, TENNESSEE 37243-0442
OFFICE: (615) 532-1550
www.tnhistoricalcommission.org

Reed. 11/19/15

November 6, 2015

Mr. Clinton Jones
Tennessee Valley Authority
400 West Summit Hill Drive
Knoxville, Tennessee 37902

RE: TVA, ARCHAEOLOGICAL ASSESSMENT, GREAT FALLS HYDRO PLANT-
SPENCER LN, UNINCORPORATED, VAN BUREN COUNTY, TN

Dear Mr. Jones:

At your request, our office has reviewed the above-referenced archaeological survey report in accordance with regulations codified at 36 CFR 800 (Federal Register, December 12, 2000, 77698-77739). Based on the information provided, we concur that archaeological site 40VB149 is potentially eligible for inclusion in the National Register of Historic Places and that current plans avoid affects to this site. Given current avoidance plans, we concur that the project area contains no archaeological resources eligible for listing in the National Register of Historic Places.

If project plans are changed or archaeological remains are discovered during construction, please contact this office to determine what further action, if any, will be necessary to address affects to archaeological resources within the area of potential effect.

Your cooperation is appreciated.

Sincerely,

E. Patrick McIntyre, Jr.
Executive Director and
State Historic Preservation Officer

EPM/jmb



TENNESSEE HISTORICAL COMMISSION
2941 LEBANON ROAD
NASHVILLE, TENNESSEE 37243-0442
OFFICE: (615) 532-1550

Received
11/18/15

November 5, 2015

Mr. Clinton E. Jones
Tennessee Valley Authority
400 W. Summet Hill Dr.
Knoxville, Tennessee, 37902-1499

RE: TVA, GREAT FALLS HYDRO./SPENCER TRANS., VAN BUREN, WARREN COUNTY

Dear Mr. Jones:

In response to your request, received on Tuesday, November 3, 2015, we have reviewed the documents you submitted regarding your proposed undertaking. Our review of and comment on your proposed undertaking are among the requirements of Section 106 of the National Historic Preservation Act. This Act requires federal agencies or applicant for federal assistance to consult with the appropriate State Historic Preservation Office before they carry out their proposed undertakings. The Advisory Council on Historic Preservation has codified procedures for carrying out Section 106 review in 36 CFR 800. You may wish to familiarize yourself with these procedures (Federal Register, December 12, 2000, pages 77698-77739) if you are unsure about the Section 106 process.

Considering available information, we find that the project as currently proposed WILL ADVERSELY AFFECT PROPERTIES THAT ARE ELIGIBLE FOR LISTING IN THE NATIONAL REGISTER OF HISTORIC PLACES. You should now begin immediate consultation with our office. Please direct questions and comments to Joe Garrison (615) 770-1092

Sincerely,

A handwritten signature in black ink, appearing to read "E. Patrick McIntyre, Jr." with a stylized flourish at the end.

E. Patrick McIntyre, Jr.
Executive Director and
State Historic Preservation Officer

EPM/jyg



Tennessee Valley Authority, 400 West Summit Hill Drive, Knoxville, TN 37902

November 9, 2015

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

Dear Mr. McIntyre:

TENNESSEE VALLEY AUTHORITY (TVA), SPENCER 161-KV TRANSMISSION LINE
DELIVERY POINT ACCESS ROADS, PHASE I ARCHAEOLOGICAL SURVEY, VAN BUREN
COUNTY, TENNESSEE

Earlier this year we initiated consultation with your office concerning the above-mentioned project (letter from Clint Jones, dated June 10, 2015). Based on a Phase I cultural resources survey of the proposed new transmission line (TL) right-of-way (ROW), our offices agreed that sites 40VB144, 40VB146, 40VB147, 40VB148 and four isolated finds are ineligible for inclusion in the National Register of Historic Places (NRHP), and that the project area of potential effect (APE) contained no historic architectural resources included, or eligible for inclusion, in the NRHP. We agreed that, with TVA's proposed avoidance measures for archaeological site 40VB145, the undertaking would affect no historic properties (your letter to Clint Jones, dated July 13, 2015).

TVA has recently proposed access roads that would be used in construction and maintenance of the new transmission line. Segments of four of these access roads extend outside the APE that was surveyed earlier. Therefore, TVA has expanded the project's archaeological APE to include these four access road segments. TVA contracted with Tennessee Valley Archaeological Research (TVAR) for a Phase I archaeological survey of these access road sections. Enclosed are two copies of the draft letter report, titled *RE: Results of a Phase I Archaeological Survey of Four Access Road Segments Associated with the Tennessee Valley Authority's Planned Spencer 161-kV Transmission Line Project in Van Buren County, Tennessee*, along with two CDs containing digital copies of the report.

The archaeological survey identified one isolated find of archaeological material, consisting of five chert flakes from a single shovel test in proposed Access Road 11. TVAR recommends that this isolated find is ineligible for inclusion in the NRHP and that no further archaeological work is needed in connection with this isolated find.

TVA has reviewed the enclosed letter report and agrees with the findings and recommendations of the authors. TVA finds that the proposed access roads would have no effects on archaeological sites included or eligible for inclusion in the NRHP.

Mr. E. Patrick McIntyre, Jr.
Page Two
November 9, 2015

Pursuant to 36 CFR Part 800.4(d)(1), we are seeking your concurrence with TVA's findings and determinations.

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

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

Sincerely,

A handwritten signature in black ink, appearing to read "Clinton E. Jones". The signature is fluid and cursive, with a long horizontal stroke extending to the right.

Clinton E. Jones, Manager
Biological and Cultural Compliance
Safety, River Management and Environment
WT 11B-K

SCC:CSD

Enclosures

cc (Enclosures):

Ms. Jennifer Barnett
Tennessee Division of Archaeology
1216 Foster Avenue, Cole Bldg. #3
Nashville, Tennessee 37210



Mr. Richard Yarnell
Biological and Cultural Compliance
Tennessee Valley Authority
400 W. Summit Hill Drive
Knoxville, TN 37902

October 9, 2015

RE: Results of a Phase I Archaeological Survey of Four Access Road Segments Associated with the Tennessee Valley Authority's Planned Spencer 161-kV Transmission Line Project in Van Buren County, Tennessee

Dear Mr. Yarnell,

Tennessee Valley Archaeological Research (TVAR) conducted a Phase I archaeological survey of four access road segments associated with Tennessee Valley Authority's (TVA) planned Spencer 161-kV transmission line project in Van Buren County, Tennessee. The purpose of the survey was to aid TVA in its Section 106 compliance and to provide an inventory of archaeological resources within the survey area, a description of the current conditions at the resources identified during the survey, and National Register of Historic Places (NRHP) eligibility status recommendations for each resource identified. The following report documents TVAR's investigation of the four access road segments.

PROJECT DESCRIPTION

The area of potential effects (APE) for the current project included 11 access roads (5 m [16 ft] wide), totaling 5.64 km (3.51 mi) in length (Figures 1-2; Table 1). The majority of the APE (5.05 km [3.14 mi]) fell within the planned right-of-way (ROW) of the planned Spencer 161-kV transmission line that was surveyed by TVAR in the February, 2015 (Manning et al. 2015; report titled *A Phase I Cultural Resources Survey of Tennessee Valley Authority's Proposed Spencer 161-kV transmission line project in Van Buren County, Tennessee*). As such, the archaeological survey universe investigated by TVAR, reported herein, was limited to those segments of four access roads (ARs 7, 8, 10, and 11) that fell outside the planned transmission line ROW, encompassing a total length of 0.59 km (0.37 mi).

PREVIOUS INVESTIGATIONS

Between February 9 and 24, 2015, TVAR conducted a survey of the archaeological APE of a 7.44 km (4.62 mi) transmission line corridor with a 30 m (100 ft) ROW associated with TVA's planned Spencer 161-kV transmission line project in Van Buren County, Tennessee (Figures 1-2; Table 2). As a result of the survey, five archaeological sites (40VB144-40VB148) and four isolated finds were identified within the planned transmission line ROW. It was TVAR's opinion that four of the sites (40VB144, 40VB146, 40VB147, and 40VB148) and all the isolated finds offered little research potential beyond the findings of the Phase I survey and were not eligible for inclusion in the NRHP. TVAR recommended no additional investigations of these resources. The eligibility status of site 40VB145 (a large, dense prehistoric lithic scatter) was recommended as undetermined pending additional archaeological investigations to better ascertain whether site 40VB145 met NRHP eligibility standards. In addition to the archaeological resources, TVAR recorded one unnamed cemetery in proximity to the planned Spencer 161-kV transmission line ROW. This cemetery, as well as its relationship to the overall Spencer 161-kV project, will be discussed further in the results section of this report.



TENNESSEE HISTORICAL COMMISSION
STATE HISTORIC PRESERVATION OFFICE
2941 LEBANON ROAD
NASHVILLE, TENNESSEE 37243-0442
OFFICE: (615) 532-1550
www.tnhistoricalcommission.org

Recd. 11/19/15

November 16, 2015

Mr. Clinton Jones
Tennessee Valley Authority
400 West Summit Hill Drive
Knoxville, Tennessee 37902

RE: TVA, ARCHAEOLOGICAL ASSESSMENT, SPENCER 161-KV LINE ACCESS ROADS,
UNINCORPORATED, VAN BUREN COUNTY, TN

Dear Mr. Jones:

At your request, our office has reviewed the above-referenced archaeological survey report in accordance with regulations codified at 36 CFR 800 (Federal Register, December 12, 2000, 77698-77739). Based on the information provided, we concur that the project area contains no archaeological resources eligible for listing in the National Register of Historic Places.

If project plans are changed or archaeological remains are discovered during construction, please contact this office to determine what further action, if any, will be necessary to comply with Section 106 of the National Historic Preservation Act.

Your cooperation is appreciated.

Sincerely,

A handwritten signature in cursive script that reads "E. Patrick McIntyre, Jr.".

E. Patrick McIntyre, Jr.
Executive Director and
State Historic Preservation Officer

EPM/jmb



Tennessee Valley Authority, 400 West Summit Hill Drive, Knoxville, TN 37902

June 10, 2015

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

Dear Mr. McIntyre:

TENNESSEE VALLEY AUTHORITY (TVA), SPENCER 161-KV TRANSMISSION LINE DELIVERY POINT, PHASE I CULTURAL RESOURCES SURVEY, VAN BUREN COUNTY, TENNESSEE

TVA proposes to provide a 161-kilovolt (kV) delivery point to the existing 46-kV Spencer Substation, to facilitate Caney Fork Electric Cooperative's upgrade of the substation from 46-kV to 161-kV operation. The delivery point consists of an approximately 4.62-mile, new 161-kV transmission line (TL) connecting TVA's Watts Bar HP – Great Falls HP 161-kV TL with the Spencer, TN substation. The new TL would have a right-of-way (ROW) width of 100 feet. TVA has determined that this proposed project is an undertaking (as defined at 36 CFR § 800.16(y)) that has the potential to cause effects on historic properties. We are initiating consultation under Section 106 of the National Historic Preservation Act for this undertaking.

TVA has identified the area of potential effects (APE) for archaeological resources as the approximately 4.62 miles of 100-foot wide TL right-of-way. TVA identified the APE for historic architectural resources as a 0.5-mile radius surrounding the centerline of the proposed new TL.

TVA contracted with Tennessee Valley Archaeological Research (TVAR) to perform a Phase I cultural resources survey of the APE. Enclosed are two bound copies of the draft report titled *A Phase I Cultural Resources Survey of Tennessee Valley Authority's Proposed Spencer 161-kV Transmission Line Project in Van Buren County, Tennessee*, along with two CDs containing digital copies of the report.

TVAR's background study, conducted prior to the field study, indicated there are no previously identified archaeological sites in the APE. The archaeological survey identified five archaeological sites (40VB144, 40VB145, 40VB146, 40VB147, and 40VB148) and four isolated finds of archaeological material. TVAR recommends that all four isolated finds and four of the sites (40VB144, 40VB146, 40VB147, and 40VB148) are ineligible for listing in the National Register of Historic Places (NRHP) under criterion *d*. TVAR recommends that 40VB145 has potential for intact deposits including cultural features, based on the density and diversity of artifacts recovered. However, given the limited scope of the Phase I investigation TVAR recommends the NRHP eligibility of this site as "undetermined".

Mr. E. Patrick McIntyre, Jr.
Page Two
June 10, 2015

The background study also indicated there are no previously inventoried historic architectural resources in the architectural APE. TVAR's historic architectural survey identified six previously unrecorded architectural resources, which they labelled IS-1 through IS-6. TVAR recommends that all six are ineligible for the NRHP due to a lack of architectural distinction and loss of integrity caused by modern alterations and/or damage. TVAR recommends no additional historic architectural investigations in the APE prior to the initiation of the undertaking.

TVA has reviewed the enclosed report and agrees with the findings and recommendations of the authors. TVA has no plans to install TL structures within the boundary of archaeological site 40VB145. Potential project effects to the site could, however, result from vegetation clearing and vehicular traffic during construction, maintenance, and operation of the proposed new TLs. To avoid the possibility of such effects, TVA will carry out all construction and maintenance work within 10 meters of the 40VB145 boundary under the following conditions: during times of dry and firm ground, or using low ground pressure equipment, or after placing wetland mats within the site boundary. With these restrictions on the construction and maintenance of the proposed new TL, the undertaking will not cause adverse effects to 40VB145. Therefore, given the work restrictions, TVA finds that the undertaking would have no adverse effects on historic properties.

Pursuant to 36 CFR Part 800.4(d)(1), we are seeking your concurrence with TVA's findings and determinations, and with TVA's proposal to avoid adverse effects to site 40VB145, which is of undetermined NRHP eligibility.

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

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

Sincerely,



Clinton E. Jones
Manager, Biological and Cultural Compliance
Safety, River Management and Environment
WT11B-K

SCC:CSD

Enclosures

cc (Enclosures):

Ms. Jennifer Barnett
Tennessee Division of Archaeology
1216 Foster Avenue, Cole Bldg. #3
Nashville, Tennessee 37210

A Phase I Cultural Resources Survey of the Planned Great Falls Hydro-Spencer 46-kV Retirement and Demolition Project in Van Buren and Warren Counties, Tennessee



Tennessee
Valley
Archaeological
Research

INTERNAL COPIES:

Michelle Cagley, KFP 1T-KST
Amy Henry, WT11D-K
Susan Jacks, WT11C-K
Skip Markham, BR 4A-C
Paul Pearman, MR 4G-C
Emily Willard, BR 4A-C
Richard Yarnell, WT11D-K
EDMS, WT CA-K



Tennessee Valley Authority, 400 West Summit Hill Drive, Knoxville, TN 37902

December 23, 2015

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

Dear Mr. McIntyre:

MEMORANDUM OF AGREEMENT BETWEEN THE TENNESSEE VALLEY AUTHORITY (TVA) AND THE TENNESSEE STATE HISTORIC PRESRVATION OFFICER REGARDING THE GREAT FALLS HYDRO PLANT-SPENCER 46-KILOVOLT (KV) TRANSMISSION LINE RETIREMENT AND REMOVAL PROJECT IN VAN BUREN AND WARREN COUNTIES, TENNESSEE

Pursuant to recent communications between our offices, TVA has prepared a Memorandum of Agreement (MOA) to satisfy TVA's responsibility under Section 106 of the National Historic Preservation Act (NHPA) with regard to TVA's proposed retirement and removal of Segment 01 of the Great Falls Hydro Plant (HP)-Spencer 46-kV Transmission Line (TL) in Van Buren and Warren Counties, Tennessee. We provided a copy of the draft MOA for your review on December 10, 2015; Dr. Garrison indicated (via email on December 21st) that TVA should send a copy, with TVA's signature page signed, for your review and signature.

Enclosed are two copies of the subject MOA with the signature of C. Wilbourne Markham, Jr. on TVA's signature page and five signature pages for you to sign. Please keep two of the signed signature pages and return the other three to us. If you have any questions or comments, please contact Richard Yarnell in Knoxville at wryarnell@tva.gov or (865) 632-3463.

Sincerely,

A handwritten signature in black ink, appearing to read "Clinton E. Jones".

Clinton E. Jones, Manager
Biological and Cultural Compliance
Safety, River Management and Environment
WT11C-K

SCC:CSD
Enclosures

INTERNAL COPIES:

Michelle Cagley, KFP 1T-KST
Amy Henry, WT11D-K
Susan Jacks, WT11C-K
Skip Markham, BR 4A-C
Khurshid Mehta, WT 6A-K
Paul Pearman, BR 4A-C
Emily Willard, MR 4G-C
Richard Yarnell, WT11D-K
EDMS, WT CA-K



Tennessee Valley Authority, 400 West Summit Hill Drive, Knoxville, TN 37902

November 9, 2015

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

Dear Mr. McIntyre:

TENNESSEE VALLEY AUTHORITY (TVA), SPENCER 161-KV TRANSMISSION LINE
DELIVERY POINT ACCESS ROADS, PHASE I ARCHAEOLOGICAL SURVEY, VAN BUREN
COUNTY, TENNESSEE

Earlier this year we initiated consultation with your office concerning the above-mentioned project (letter from Clint Jones, dated June 10, 2015). Based on a Phase I cultural resources survey of the proposed new transmission line (TL) right-of-way (ROW), our offices agreed that sites 40VB144, 40VB146, 40VB147, 40VB148 and four isolated finds are ineligible for inclusion in the National Register of Historic Places (NRHP), and that the project area of potential effect (APE) contained no historic architectural resources included, or eligible for inclusion, in the NRHP. We agreed that, with TVA's proposed avoidance measures for archaeological site 40VB145, the undertaking would affect no historic properties (your letter to Clint Jones, dated July 13, 2015).

TVA has recently proposed access roads that would be used in construction and maintenance of the new transmission line. Segments of four of these access roads extend outside the APE that was surveyed earlier. Therefore, TVA has expanded the project's archaeological APE to include these four access road segments. TVA contracted with Tennessee Valley Archaeological Research (TVAR) for a Phase I archaeological survey of these access road sections. Enclosed are two copies of the draft letter report, titled *RE: Results of a Phase I Archaeological Survey of Four Access Road Segments Associated with the Tennessee Valley Authority's Planned Spencer 161-kV Transmission Line Project in Van Buren County, Tennessee*, along with two CDs containing digital copies of the report.

The archaeological survey identified one isolated find of archaeological material, consisting of five chert flakes from a single shovel test in proposed Access Road 11. TVAR recommends that this isolated find is ineligible for inclusion in the NRHP and that no further archaeological work is needed in connection with this isolated find.

TVA has reviewed the enclosed letter report and agrees with the findings and recommendations of the authors. TVA finds that the proposed access roads would have no effects on archaeological sites included or eligible for inclusion in the NRHP.

Mr. E. Patrick McIntyre, Jr.
Page Two
November 9, 2015

Pursuant to 36 CFR Part 800.4(d)(1), we are seeking your concurrence with TVA's findings and determinations.

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

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

Sincerely,

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Clinton E. Jones, Manager
Biological and Cultural Compliance
Safety, River Management and Environment
WT 11B-K

SCC:CSD

Enclosures

cc (Enclosures):

Ms. Jennifer Barnett
Tennessee Division of Archaeology
1216 Foster Avenue, Cole Bldg. #3
Nashville, Tennessee 37210



Mr. Richard Yarnell
Biological and Cultural Compliance
Tennessee Valley Authority
400 W. Summit Hill Drive
Knoxville, TN 37902

October 9, 2015

RE: Results of a Phase I Archaeological Survey of Four Access Road Segments Associated with the Tennessee Valley Authority's Planned Spencer 161-kV Transmission Line Project in Van Buren County, Tennessee

Dear Mr. Yarnell,

Tennessee Valley Archaeological Research (TVAR) conducted a Phase I archaeological survey of four access road segments associated with Tennessee Valley Authority's (TVA) planned Spencer 161-kV transmission line project in Van Buren County, Tennessee. The purpose of the survey was to aid TVA in its Section 106 compliance and to provide an inventory of archaeological resources within the survey area, a description of the current conditions at the resources identified during the survey, and National Register of Historic Places (NRHP) eligibility status recommendations for each resource identified. The following report documents TVAR's investigation of the four access road segments.

PROJECT DESCRIPTION

The area of potential effects (APE) for the current project included 11 access roads (5 m [16 ft] wide), totaling 5.64 km (3.51 mi) in length (Figures 1-2; Table 1). The majority of the APE (5.05 km [3.14 mi]) fell within the planned right-of-way (ROW) of the planned Spencer 161-kV transmission line that was surveyed by TVAR in the February, 2015 (Manning et al. 2015; report titled *A Phase I Cultural Resources Survey of Tennessee Valley Authority's Proposed Spencer 161-kV transmission line project in Van Buren County, Tennessee*). As such, the archaeological survey universe investigated by TVAR, reported herein, was limited to those segments of four access roads (ARs 7, 8, 10, and 11) that fell outside the planned transmission line ROW, encompassing a total length of 0.59 km (0.37 mi).

PREVIOUS INVESTIGATIONS

Between February 9 and 24, 2015, TVAR conducted a survey of the archaeological APE of a 7.44 km (4.62 mi) transmission line corridor with a 30 m (100 ft) ROW associated with TVA's planned Spencer 161-kV transmission line project in Van Buren County, Tennessee (Figures 1-2; Table 2). As a result of the survey, five archaeological sites (40VB144-40VB148) and four isolated finds were identified within the planned transmission line ROW. It was TVAR's opinion that four of the sites (40VB144, 40VB146, 40VB147, and 40VB148) and all the isolated finds offered little research potential beyond the findings of the Phase I survey and were not eligible for inclusion in the NRHP. TVAR recommended no additional investigations of these resources. The eligibility status of site 40VB145 (a large, dense prehistoric lithic scatter) was recommended as undetermined pending additional archaeological investigations to better ascertain whether site 40VB145 met NRHP eligibility standards. In addition to the archaeological resources, TVAR recorded one unnamed cemetery in proximity to the planned Spencer 161-kV transmission line ROW. This cemetery, as well as its relationship to the overall Spencer 161-kV project, will be discussed further in the results section of this report.

INTERNAL COPIES:

Michelle Cagley, KFP 1T-KST
Amy Henry, WT11D-K
Susan Jacks, WT11C-K
Skip Markham, BR 4A-C
Paul Pearman, BR 4A-C
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Richard Yarnell, WT 11D-K
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TENNESSEE HISTORICAL COMMISSION
STATE HISTORIC PRESERVATION OFFICE
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NASHVILLE, TENNESSEE 37243-0442
OFFICE: (615) 532-1550
www.tnhistoricalcommission.org

Recd. 11/19/15

November 16, 2015

Mr. Clinton Jones
Tennessee Valley Authority
400 West Summit Hill Drive
Knoxville, Tennessee 37902

RE: TVA, ARCHAEOLOGICAL ASSESSMENT, SPENCER 161-KV LINE ACCESS ROADS,
UNINCORPORATED, VAN BUREN COUNTY, TN

Dear Mr. Jones:

At your request, our office has reviewed the above-referenced archaeological survey report in accordance with regulations codified at 36 CFR 800 (Federal Register, December 12, 2000, 77698-77739). Based on the information provided, we concur that the project area contains no archaeological resources eligible for listing in the National Register of Historic Places.

If project plans are changed or archaeological remains are discovered during construction, please contact this office to determine what further action, if any, will be necessary to comply with Section 106 of the National Historic Preservation Act.

Your cooperation is appreciated.

Sincerely,

A handwritten signature in cursive script that reads "E. Patrick McIntyre, Jr.".

E. Patrick McIntyre, Jr.
Executive Director and
State Historic Preservation Officer

EPM/jmb



Tennessee Valley Authority, 400 West Summit Hill Drive, Knoxville, TN 37902

June 10, 2015

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

Dear Mr. McIntyre:

TENNESSEE VALLEY AUTHORITY (TVA), SPENCER 161-KV TRANSMISSION LINE DELIVERY POINT, PHASE I CULTURAL RESOURCES SURVEY, VAN BUREN COUNTY, TENNESSEE

TVA proposes to provide a 161-kilovolt (kV) delivery point to the existing 46-kV Spencer Substation, to facilitate Caney Fork Electric Cooperative's upgrade of the substation from 46-kV to 161-kV operation. The delivery point consists of an approximately 4.62-mile, new 161-kV transmission line (TL) connecting TVA's Watts Bar HP – Great Falls HP 161-kV TL with the Spencer, TN substation. The new TL would have a right-of-way (ROW) width of 100 feet. TVA has determined that this proposed project is an undertaking (as defined at 36 CFR § 800.16(y)) that has the potential to cause effects on historic properties. We are initiating consultation under Section 106 of the National Historic Preservation Act for this undertaking.

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TVAR's background study, conducted prior to the field study, indicated there are no previously identified archaeological sites in the APE. The archaeological survey identified five archaeological sites (40VB144, 40VB145, 40VB146, 40VB147, and 40VB148) and four isolated finds of archaeological material. TVAR recommends that all four isolated finds and four of the sites (40VB144, 40VB146, 40VB147, and 40VB148) are ineligible for listing in the National Register of Historic Places (NRHP) under criterion *d*. TVAR recommends that 40VB145 has potential for intact deposits including cultural features, based on the density and diversity of artifacts recovered. However, given the limited scope of the Phase I investigation TVAR recommends the NRHP eligibility of this site as "undetermined".

Mr. E. Patrick McIntyre, Jr.
Page Two
June 10, 2015

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TVA has reviewed the enclosed report and agrees with the findings and recommendations of the authors. TVA has no plans to install TL structures within the boundary of archaeological site 40VB145. Potential project effects to the site could, however, result from vegetation clearing and vehicular traffic during construction, maintenance, and operation of the proposed new TLs. To avoid the possibility of such effects, TVA will carry out all construction and maintenance work within 10 meters of the 40VB145 boundary under the following conditions: during times of dry and firm ground, or using low ground pressure equipment, or after placing wetland mats within the site boundary. With these restrictions on the construction and maintenance of the proposed new TL, the undertaking will not cause adverse effects to 40VB145. Therefore, given the work restrictions, TVA finds that the undertaking would have no adverse effects on historic properties.

Pursuant to 36 CFR Part 800.4(d)(1), we are seeking your concurrence with TVA's findings and determinations, and with TVA's proposal to avoid adverse effects to site 40VB145, which is of undetermined NRHP eligibility.

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

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

Sincerely,



Clinton E. Jones
Manager, Biological and Cultural Compliance
Safety, River Management and Environment
WT11B-K

SCC:CSD

Enclosures

cc (Enclosures):

Ms. Jennifer Barnett
Tennessee Division of Archaeology
1216 Foster Avenue, Cole Bldg. #3
Nashville, Tennessee 37210

INTERNAL COPIES:

Michelle Cagley, KFP 1T-KST
Amy Henry, WT11D-K
Susan Jacks, WT11A-K
Skip Markham, BR 4A-C
Paul Pearman, BR 4A-C
Emily Willard, MR 4G-C
Richard Yarnell, WT11D-K
EDMS, WT CA-K

Dudley, Cynthia S

From: Ezzell, Patricia Bernard
Sent: Wednesday, June 10, 2015 5:21 PM
To: 'sheila-bird@cherokee.org'; 'Tyler B. Howe (tylehowe@nc-cherokee.com)'; 'Miranda Panther (mirapant@nc-cherokee.com)'; 'ukbthpo-larue@yahoo.com'; 'HPO@chickasaw.net'; 'jjacobs@mcn-nsn.gov'; 'Emman Spain (ESpain@mcn-nsn.gov)'; 'slandsberry@alabama-quassarte.org'; 'kialegettcpo@gmail.com'; 'Charles Coleman (chascoleman75@yahoo.com)'; 'Joseph Blanchard'; 'cecil.wilson@astribe.com'; 'Robin Dushane (RDushane@estoo.net)'; 'Dee Gardner (dgardner@estoo.net)'; 'Kim Jumper (kim.jumper@shawnee-tribe.com)'
Cc: 'Russell Townsend (RussellT@nc-cherokee.com)'; 'jfife@muscogeenation-nsn.gov'; 'tthompson@mcn-nsn.gov'; 'Johnnie Wesley (jswesley@mcn-nsn.gov)'; 'Iwendt@mcn-nsn.gov'
Subject: TVA, SPENCER 161-KV TRANSMISSION LINE DELIVERY POINT, PHASE I CULTURAL RESOURCES SURVEY, VAN BUREN COUNTY, TENNESSEE
Attachments: Spencer_TN_Draft_THPO_letter 20150610.pdf

Good Afternoon,

I hope this email message finds you well. By this email, I am transmitting the attached letter regarding TVA's proposal to provide a 161-kilovolt (kV) delivery point to the existing 46-kV Spencer Substation, to facilitate Caney Fork Electric Cooperative's upgrade of the substation from 46-kV to 161-kV operation. The delivery point consists of an approximately 4.62-mile, new 161-kV transmission line (TL) connecting TVA's Watts Bar HP – Great Falls HP 161-kV TL with the Spencer, TN substation. The new TL would have a right-of-way (ROW) width of 100 feet.

The referenced report is available online at this link: http://www.tvaresearch.com/download/TVA_Spencer_161kV_Review_Draft.pdf.

As always, please do not hesitate to contact me if you have any questions. Please respond by July 10, 2015, if you have any comments on this proposed undertaking.

Thank you.

Sincerely,

Pat

Pat Bernard Ezzell
Senior Program Manager
Tribal Relations and Corporate History
Tennessee Valley Authority
400 W. Summit Hill Drive
460 WT 7D-K
Knoxville, Tennessee 37902
Office Phone: (865) 632-6461
Cell phone: 865-304-9251
E-mail: pbezzell@tva.gov



Tennessee Valley Authority, 400 West Summit Hill Drive, Knoxville, TN 37902

June 10, 2015

To Those Listed:

TENNESSEE VALLEY AUTHORITY (TVA), SPENCER 161-KV TRANSMISSION LINE DELIVERY POINT, PHASE I CULTURAL RESOURCES SURVEY, VAN BUREN COUNTY, TENNESSEE

TVA proposes to provide a 161-kilovolt (kV) delivery point to the existing 46-kV Spencer Substation, to facilitate Caney Fork Electric Cooperative's upgrade of the substation from 46-kV to 161-kV operation. The delivery point consists of an approximately 4.62-mile, new 161-kV transmission line (TL) connecting TVA's Watts Bar HP – Great Falls HP 161-kV TL with the Spencer, TN substation. The new TL would have a right-of-way (ROW) width of 100 feet. TVA has determined that this proposed project is an undertaking (as defined at 36 CFR § 800.16(y)) that has the potential to cause effects on historic properties. We are initiating consultation under Section 106 of the National Historic Preservation Act for this undertaking.

TVA has identified the area of potential effects (APE) for archaeological resources as the approximately 4.62 miles of 100-foot wide TL right-of-way. TVA identified the APE for historic architectural resources as a 0.5-mile radius surrounding the centerline of the proposed new TL.

TVA contracted with Tennessee Valley Archaeological Research (TVAR) to perform a Phase I cultural resources survey of the APE. Please find a copy of the draft report titled *A Phase I Cultural Resources Survey of Tennessee Valley Authority's Proposed Spencer 161-kV Transmission Line Project in Van Buren County, Tennessee*, online at this link: http://www.tvaresearch.com/download/TVA_Spencer_161kV_Review_Draft.pdf

TVAR's background study, conducted prior to the field study, indicated there are no previously identified archaeological sites in the APE. The archaeological survey identified five archaeological sites (40VB144, 40VB145, 40VB146, 40VB147, and 40VB148) and four isolated finds of archaeological material. TVAR recommends that all four isolated finds and four of the sites (40VB144, 40VB146, 40VB147, and 40VB148) are ineligible for listing in the National Register of Historic Places (NRHP) under criterion *d*. TVAR recommends that 40VB145 has potential for intact deposits including cultural features, based on the density and diversity of artifacts recovered. However, given the limited scope of the Phase I investigation TVAR recommends the NRHP eligibility of this site as "undetermined".

The background study also indicated there are no previously inventoried historic architectural resources in the architectural APE. TVAR's historic architectural survey identified six previously unrecorded architectural resources, which they labelled IS-1 through IS-6. TVAR recommends that all six are ineligible for the NRHP due to a lack of architectural distinction and loss of

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integrity caused by modern alterations and/or damage. TVAR recommends no additional historic architectural investigations in the APE prior to the initiation of the undertaking.

TVA has reviewed the enclosed report and agrees with the findings and recommendations of the authors. TVA has no plans to install TL structures within the boundary of archaeological site 40VB145. Potential project effects to the site could, however, result from vegetation clearing and vehicular traffic during construction, maintenance, and operation of the proposed new TLs. To avoid the possibility of such effects, TVA will carry out all construction and maintenance work within 10 meters of the 40VB145 boundary under the following conditions: during times of dry and firm ground, or using low ground pressure equipment, or after placing wetland mats within the site boundary. With these restrictions on the construction and maintenance of the proposed new TL, the undertaking will not cause adverse effects to 40VB145. Therefore, given the work restrictions, TVA finds that the undertaking would have no adverse effects on historic properties.

Pursuant to 36 CFR Part 800.3(f)(2), TVA is consulting with the following federally recognized Indian tribes: Cherokee Nation, Eastern Band of Cherokee Indians, United Keetoowah Band of Cherokee Indians in Oklahoma, The Chickasaw Nation, Muscogee (Creek) Nation of Oklahoma, Alabama-Quassarte Tribal Town, Kialegee Tribal Town, Thlopthlocco Tribal Town, Absentee Shawnee Tribe of Oklahoma, Eastern Shawnee Tribe of Oklahoma, and Shawnee Tribe of Oklahoma.

By this letter, TVA is providing notification of these findings and is seeking your comments regarding this undertaking and any properties that may be of religious and cultural significance and eligible for listing in the NRHP pursuant to 36 CFR Part 800.2(c)(2)(ii), 800.3(f)(2), and 800.4(a)(4)(b).

Please respond by July 10, 2015, if you have any comments. If you have any questions, please contact me in Knoxville at (865) 632-6461 or by email at pbezzell@tva.gov.

Sincerely,



Patricia Bernard Ezzell
Senior Program Manager
Tribal Relations and Corporate History
Communications
460 WT 7D-K

MSH:CSD:PBE
Enclosures

A Phase I Cultural Resources Survey of Tennessee Valley Authority's Proposed Spencer 161-kV Transmission Line Project in Van Buren County, Tennessee



IDENTICAL LETTER MAILED TO THE FOLLOWING ON JUNE 10, 2015:

Dr. Richard Allen
Policy Analyst
Cherokee Nation
Post Office Box 948
Tahlequah, Oklahoma 74465

Mr. Joseph Blanchard
Tribal Historic Preservation Officer
Absentee Shawnee Tribe of Oklahoma
2025 S. Gordon Cooper
Shawnee, Oklahoma 74801

Mr. Charles Coleman
NAGPRA Representative
Thlopthlocco Tribal Town
Route 1, Box 190-A
Weleetka, Oklahoma 74880

Ms. Robin DuShane
Tribal Historic Preservation Officer
Eastern Shawnee Tribe of Oklahoma
127 West Oneida
Seneca, Missouri 64865

Ms. Kara Gann
Cultural Resources Director
Kialegee Tribal Town
Post Office Box 332
Wetumka, Oklahoma 74883

Ms. Dee Gardner
NAGPRA/Cell Tower Coordinator
Eastern Shawnee Tribe of Oklahoma
127 West Oneida
Seneca, Missouri 64865

Mr. Tyler Howe
Historic Preservation Specialist
Eastern Band of Cherokee Indians
Post Office Box 45
Cherokee, North Carolina 28719

cc: Mr. Russell Townsend
Tribal Historic Preservation Office
Eastern Band of Cherokee Indians
Post Office Box 455
Cherokee, North Carolina 28719

Ms. Miranda Panther
NAGPRA Coordinator
Eastern Band of Cherokee Indians
Post Office Box 455
Cherokee, North Carolina 28719

Ms. Johnnie Jacobs
Manager
Cultural Preservation Department
Muscogee (Creek) Nation
P.O. Box 580
Okmulgee, Oklahoma 74447

cc: Mr. Jeff Fife
Secretary of Department of Interior Affairs
Muscogee (Creek) Nation
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Ms. Odette Freeman
Assistant Manager
Muscogee (Creek) Nation
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Ms. Johnnie Wesley
Secretary
Cultural Preservation Department
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Mr. David Proctor
Traditional Cultural Advisor
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Ms. Lee Anne Wendt
Tribal Archaeologist
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Okmulgee, Oklahoma 74447

Mr. Tim Thompson
Traditional Cultural Advisor
Cultural Preservation Department
Muscogee (Creek) Nation
Post Office Box 580
Okmulgee, Oklahoma 74447

Ms. Kim Jumper
Tribal Historic Preservation Officer
Shawnee Tribe
Post Office Box 189
Miami, Oklahoma 74355

cc: Jodi Hayes
NAGPRA Representative
Shawnee Tribe
PO Box 189
Miami, OK 74355

Mr. Steven Landsberry
Administrative Assistant
Alabama Quassarte Tribal Town
Post Office Box 187
Wetumka, Oklahoma 74883

Mrs. Lisa C. LaRue-Baker
Acting Tribal Historic Preservation Officer
United Keetoowah Band
of Cherokee Indians in Oklahoma
Post Office Box 746
Tahlequah, Oklahoma 74464

Mr. Kirk Perry
Administrator
Department of Homeland Affairs
The Chickasaw Nation
Post Office Box 1548
Ada, Oklahoma 72821-1548

cc: Ms. Virginia (Gingy) Nail
Assistant Tribal Historic Preservation Officer
Department of Homeland Affairs
The Chickasaw Nation
Post Office Box 1548
Ada, Oklahoma 72821-1548

Ms. Amber Jarrett
Preservation & Repatriation Manager
Division of Historic Preservation
Department of Culture & Humanities
The Chickasaw Nation
P.O. Box 1548
Ada, OK 74821-1548

Dr. Tim Baugh
Cultural Preservation Specialist
Historic Preservation Division
Department of Homeland Affairs
The Chickasaw Nation
P.O. Box 1548
Ada, OK 74821-1548

Mr. Emman Spain
Tribal Historic Preservation Officer
Cultural Preservation Department
Muscogee (Creek) Nation
Post Office Box 580
Okmulgee, Oklahoma 74447

INTERNAL COPIES:

Michelle Cagley, KFP 1T-KST
Geraldine Gallman, WT 7D-K
Amy Henry, WT11D-K
Susan Jacks, WT11A-K
Clint Jones, WT11B-K
Skip Markham, BR 4A-C
Paul Pearman, BR 4A-C
Gail Rymer, WT 7D-K
Emily Willard, MR 4G-C
Richard Yarnell, WT11D-K
EDMS, WT CA-K

Masters, Anita E

From: Ezzell, Patricia Bernard
Sent: Friday, January 15, 2016 11:08 AM
To: Masters, Anita E
Cc: Yarnell, W Richard; Cole, Stephen C
Subject: RE: Great Falls Spencer MOA Executed copy - ACHP
Attachments: Spencer_TN_Draft_THPO_letter 20150610.pdf

Anita,

Here is the list: Pursuant to 36 CFR Part 800.3(f)(2), TVA is consulting with the following federally recognized Indian tribes: Cherokee Nation, Eastern Band of Cherokee Indians, United Keetoowah Band of Cherokee Indians in Oklahoma, The Chickasaw Nation, Muscogee (Creek) Nation of Oklahoma, Alabama-Quassarte Tribal Town, Kialegee Tribal Town, Thlopthlocco Tribal Town, Absentee Shawnee Tribe of Oklahoma, Eastern Shawnee Tribe of Oklahoma, and Shawnee Tribe of Oklahoma.

The Thlopthlocco Tribal Town was the only tribe to respond. This is their response:

Subject: TVA Spencer 161-KV Transmission Line

Pat

Thlopthlocco Tribal Town has an historical and cultural interest in the proposed Transmission line's area of Potential Effect . I have read your description of the site and reviewed known Thlopthlocco historical, cultural, and sites of religious significance, in the area and have determined that the construction should not have an adverse effect .

Thlopthlocco Tribal Town has no objection to the proposed construction of TVA, Spencer Transmission Lines in Van Buren, Tennessee

Please beware of the fact that all locations of Thlopthlocco Historical, Cultural, and sites of religious significance are not known, if an inadvertent discovery is made of American Indian artifacts or artifacts or remains, please notify the Tribe.

If American Indian artifacts or remains are recovered from a site and sent to the shed, Please remember; America's youth can not learn historical and cultural past from items left in the shed. MVTO

Sincerely

***Charles Coleman, THPO
 Thlopthlocco Tribal Town***

From: Masters, Anita E
Sent: Friday, January 15, 2016 9:59 AM
To: Ezzell, Patricia Bernard
Subject: RE: Great Falls Spencer MOA Executed copy - ACHP

Watts Bar Hydro-Great Falls Hydro 161-kV Tap To Spencer Transmission Line
Hi Pat,

Could you please send me the list of tribes we consulted for the Spencer, TN project and any relative correspondence.

Much appreciated,
Anita

From: Willard, Emily P
Sent: Thursday, January 14, 2016 9:25 AM
To: Masters, Anita E
Subject: FW: Great Falls Spencer MOA Executed copy - ACHP

And here is where we send it to ACHP.

From: Dudley, Cynthia S
Sent: Tuesday, January 12, 2016 4:41 PM
To: Cagley, April M; Henry, Amy Burke; Jacks, Susan R; Markham, Wilbourne C Jr; Mehta, Khurshid K; Pearman, Paul Jonathan; Willard, Emily P; Yarnell, W Richard
Cc: Cole, Stephen C; Jones, Clinton E
Subject: Great Falls Spencer MOA Executed copy - ACHP

All:

The attached letter with executed MOA will be mailed to the ACHP today via FedEx Overnight.

Regards,

Cynthia S Dudley | Tennessee Valley Authority
Business Support Rep, Biological & Cultural Compliance
400 Summit Hill Drive, WT 11B-K
Knoxville, TN 37902
☎ 865-632-2931 | 📠 865-632-2345 | ✉ csdudley@tva.gov

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