

400 Chestnut Street Tower II

March 24, 1980

Mr. Harold R. Denton, Director
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
Washington, DC 20555

Dear Mr. Denton:

In the Matter of the Application of) STN 50-553
Tennessee Valley Authority) 50-554

In accordance with item 10 of section 4.5.2.1, Transmission and Microwave Facilities, of NRC's Final Environmental Statement (FES) related to construction of Phipps Bend Nuclear Plant, units 1 and 2, February 1977 (NUREG-0168), and item 3.F.1 of Construction Permit Nos. CPPR-162 and CPPR-163, enclosed is the documentation of our compliance with the National Historic Preservation Act (Enclosure 1). Associated with this documentation are maps which show the corridors and corridor segments referred to in the documentation (Enclosure 2).

TVA's archaeological and historical review of these transmission line corridors failed to identify any potential for adverse environmental impacts to any structures or archaeological sites along these corridors.

Very truly yours,

TENNESSEE VALLEY AUTHORITY

L. M. Mills

L. M. Mills, Manager
Nuclear Regulation and Safety

Enclosures: 12

C007
ES/6
EXCL TO:
FILES
NRC FOR
LPDR
TERA
PM (2)

8004020193

ENCLOSURE 1

May 15, 1973

Mr. Herbert L. Harper
Director and State Historic
Preservation Officer
Tennessee Historical Commission
170 Second Avenue North
Nashville, Tennessee 37201

Dear Herbert:

PHIPPS BEND - SULLIVAN 500KV TRANSMISSION LINE (A6310.6)

The enclosed information gives you the proposed location of a 500kV transmission line from the Phipps Bend Nuclear Plant to a crossing with an existing line. This line will be extended at a later date to a substation in Virginia. This particular segment is a key to the location of the remaining portion, so its siting is a necessary early step.

We had a difficult time reaching internal agreement on the location of this line because there are a number of sensitive areas and issues involved. The selected route--Segment A to B on the map--was chosen because it gave the optimum solution in terms of cost and impacts. All other possible routes--including Segment C to D on the map--were less desirable because the impacts, both cultural and natural, would be greater.

Segment A-B passes within 500 feet of the Fudge House, a National Register property. We took a very careful look at this situation, in fact, three very careful looks. Our determination is that the proposed transmission line will impact a National Register property but that the impact will not be adverse. The topography and existing vegetation provide a reasonably thorough screening from the house to the proposed line. Any gaps in this screening can be addressed by adding appropriate trees or shrubs. TVA will work with Miss Fudge to determine whether and how such screening should be provided.

I request your concurrence with our determination of no adverse impact by this proposed project on historical resources.

Sincerely,

Robert E. Roark
Recreation Planner
Recreation Resources Branch
Division of Forestry, Fisheries,
and Wildlife Development

RRR:RWC
Enclosure

cc: R. S. Austin, FOR B-H
D. E. Murphy, 323 CBB-C

POOR ORIGINAL



STATE OF TENNESSEE
TENNESSEE HISTORICAL COMMISSION
170 SECOND AVENUE, NORTH
NASHVILLE, TENNESSEE 37201
TELEPHONE (615) 741-2371

HERBERT L. HARPER, Executive Director
State Historic Preservation Officer

June 14, 1978

Mr. Robert Roark
Recreation Resources Branch
Division of Forestry, Fisheries,
and Wildlife Development
Tennessee Valley Authority
Norris, TN. 37828

Re: Phipps Bend - Sullivan 500 kV TL
(A6310.6)

Dear Mr. Roark:

The State Historic Preservation Officer and his staff have reviewed the above project plans and considered its effect on Fudge Farm, a National Register property in Hawkins County.

The significance of Fudge Farm is primarily architectural due in part to the presence of a full complement of log fram buildings. Since the farm is located on highway 11, a heavily travelled road, it does not possess an unaltered historical setting and the introduction of the visual elements associated with the transmission line does not adversely affect the property.

Therefore this office concurs with TVA's determination of no adverse effect provided that you work with the owner to minimize the effects as stated in your letter of May 15, 1978.

Thank you for your cooperation in this matter and for your continued concern for historic preservation values.

Sincerely,

Herbert L. Harper

Herbert L. Harper
State Historic Preservation Officer

gff

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RECREATION	
JUN 16 1978	
	Allen
3	Nashley
	Nuddy
	Peck
	Paulk
	Sutton
1	11/15
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	10
FILES	

Advisory
Council On
Historic
Preservation

3

1522 K Street NW.
Washington D.C.
20005

August 2, 1979

Mr. Thomas H. Ripley
Manager, Office of Natural Resources
Tennessee Valley Authority
Norris, Tennessee 37828

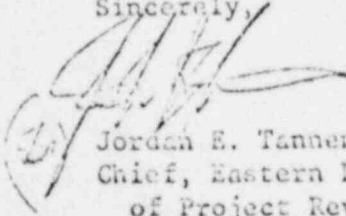
Dear Mr. Ripley:

On July 12, 1979, the Council received your determination that construction of the Phipps Bend - Sullivan 500-kV transmission line would not adversely affect the Fudge House, Hawkins County, Tennessee, a property included in the National Register of Historic Places. In accordance with Section 800.6(a) of the Council's regulations (36 CFR Part 800), the Executive Director does not object to your determination.

As provided in Section 800.9 of the Council's regulations, a copy of your determination of no adverse effect, along with supporting documentation and this concurrence, should be included in any assessment or statement prepared for this undertaking in compliance with the National Environmental Policy Act and should be kept in your records as evidence of your compliance with Section 106 of the National Historic Preservation Act and the Council's regulations.

Thank you for your cooperation.

Sincerely,



Jordan E. Tannenbaum
Chief, Eastern Division
of Project Review

8/7/79--TRR

cc: H. G. Moore, Jr., 268 401B-C

POOR ORIGINAL

November 27, 1979

Mr. Herbert L. Harper, Executive Director
and State Historic Preservation Officer
Tennessee Historical Commission
4721 Trousdale Drive
Nashville, Tennessee 37220

Dear Herbert:

PHIPPS BEND-SULLIVAN 500-KV TRANSMISSION LINE

The enclosed maps show the route of a proposed transmission line from Phipps Bend Nuclear Plant to Sullivan Substation, Hawkins, Washington, and Sullivan Counties. Sites eligible for the National Register are marked on these maps. Also enclosed are inventory forms for these sites. A survey of structures along this transmission line is enclosed.

Section A-B (Center line station point 4 to 154) has previous clearance. The proposed transmission line follows existing transmission lines between center line station points 4 and 303, 1267 and 1465, and 1542 and 2133. As such the proposed line will not change the impact already existing. Sites eligible for the National Register along these above-noted lines are numbered 1003, 1004, 1003, 1003, 1010, 1012, 1013, 1026, 1027, 1029, 1030, 1031, 1032, 1033, 1034, 1035, 2037, 2038, and 2039. Of these sites, 1003 and 1004 are on the National Register.

Sites eligible for the National Register along the proposed transmission line (which does not follow an existing line) are numbered 1015, 1016, 1017, 1018, 1020, 1022, and 1023. These are screened by terrain and woodlands. Additional planned screening will be provided where needed. As such there is no impact.

Based on this field survey we have determined that the proposed project will not impact any historical or architectural resources.

A separate determination for archaeological resources has been coordinated with you.

I request your concurrence with our determination regarding historical and architectural resources. If you have any questions, please contact Charles Tichy of our staff.

Sincerely,

Maxwell D. Ramsey, Program Manager
Cultural Resources
Division of Land and Forest Resources

CRT:DC
Enclosures

POOR ORIGINAL



5

TENNESSEE DEPARTMENT OF CONSERVATION
TENNESSEE HISTORICAL COMMISSION
4721 TROUSDALE DRIVE, NASHVILLE 67420 B 7 2 19
615/741-2371

Mr. Maxwell D. Ramsey
Program Manager
Cultural Resources
Division of Land and Forest Resources

Jan 18, 1980

Re: Phipps Bend-Sullivan 500 kV Transmission
Line.

Dear Max:

The State Historic Preservation Officer and his staff have reviewed the results of your staff survey to identify historic and architectural properties within the area of potential environmental impact of the above project.

Based on the information contained in your letter of November 27, 1979, we concur with TVA's opinion that the above project will not affect any architectural or historical properties included in or eligible for inclusion in the National Register of Historic Places.

Therefore, no further action is required to satisfy the provisions of Section 106, National Historic Preservation Act as amended with regard to architectural or historical properties.

Thank you for your continued cooperation with our office.

Sincerely,

Herbert L. Harper
State Historic Preservation Officer

HLH:GFF

6
November 26, 1979

Mr. Herbert L. Harper, Executive Director
and State Historic Preservation Officer
Tennessee Historical Commission
6721 Trousdale Drive
Nashville, Tennessee 37220

Dear Herbert:

DULL RUN-SULLIVAN 500-KV TRANSMISSION LINE - JOHN SEVIER-SULLIVAN SECTION;
DULL RUN-SULLIVAN 500-KV TRANSMISSION LINE - DULL RUN-JOHN SEVIER SECTION

Loop into Phipps Bend

The enclosed maps show the route of a proposed transmission line from Phipps Bend Nuclear Plant to John Sevier Steam Plant, Hawkins County. A survey of structures along this transmission line route is enclosed.

Our survey identified three sites eligible for the National Register. These sites are described below and are marked on the enclosed maps and inventory listing.

Longs Bend historic district consists of a church, house, and several barns. The church is a simple white clapboard structure with a small steeple. It is late 19th or early 20th century and is well maintained. Across the road is a well-maintained house with Victorian wood trim elements on the porches and gables. These are at center line station points 70 and 74. The proposed transmission line to the north is screened by woodlands and the terrain. Additional planned screening will be provided as needed. Under these conditions there is no impact.

Historic farm complex: center line station points 270, 272, and 273. This complex consists of a large 19th century farmhouse, two large barns, and numerous 19th and 20th century outbuildings. The farm is well maintained. The proposed transmission line is screened by forest and terrain. There is no impact.

Slide general store: center line station point 426. This was the site of a community of which only the store and several barns remain standing. This was the site of 19th century brick manufacturing. The proposed transmission line is screened by forest and terrain. There is no impact.

In addition, there are numerous structures of interest, though not eligible for the National Register. There are log houses and barns at the following center line sections: 90, 107, 118, 175, and 241. There is a large interesting farmhouse with projecting gable and overhangs at center line station 44; there is no impact.

POOR ORIGINAL

Mr. Herbert L. Harper

November 26, 1979

BULL RUN-SULLIVAN 500-KV TRANSMISSION LINE - JOHN SEVIER-SULLIVAN SECTION;
BULL RUN-SULLIVAN 500-KV TRANSMISSION LINE - BULL RUN-JOHN SEVIER SECTION

Based on this field survey, we have determined that the proposed project will not impact any historical or architectural resources.

A separate determination for archaeological resources has been coordinated with you.

I request your concurrence with our determination regarding historical and architectural resources. If you have any questions, please contact Charles Tichy of our office.

Sincerely,

Maxwell D. Ramsey, Program Manager
Cultural Resources
Division of Land and Forest Resources

CRT:DC
Enclosures

POOR ORIGINAL



7

TENNESSEE DEPARTMENT OF CONSERVATION
TENNESSEE HISTORICAL COMMISSION
4721 TROUSDALE DRIVE, NASHVILLE 37220 B 7 3 7 9
615/741-2371

Mr. Maxwell D. Ramsey
Program Manager
Cultural Resources
Division of Land and Forest Resources

Jan 18, 1980

Re: John Sevier-Sullivan and Bull Run-John Sevier
Sections of the Bull Run-Sullivan 500kV T.L.

Dear Max:

The State Historic Preservation Officer and his staff have reviewed the results of your staff survey to identify historic and architectural properties within the area of potential environmental impact of the above project.

Based on the information contained in your letter of November 27, 1979, we concur with TVA's opinion that the above project will not affect any architectural or historical properties included in or eligible for inclusion in the National Register of Historic Places.

Therefore, no further action is required to satisfy the provisions of Section 106, National Historic Preservation Act as amended with regard to architectural or historical properties.

Thank you for your continued cooperation with our office.

Sincerely,

Herbert L. Harpen
State Historic Preservation Officer

HLH:GFF

200 Haney Building

September 15, 1977

Mr. Herbert Harper, Executive Director
Tennessee Historical Commission and
State Historic Preservation Officer
170 Second Street North
Nashville, Tennessee 37201

Dear Mr. Harper:

Enclosed for your review is a copy of the archaeological survey statement of the John Sevier-Churchill 161 kV transmission line tap to Phipps Bend construction substation.

The archaeological survey was performed by Robert H. Lafferty III of the University of Alabama. TVA's archaeological unit has reviewed the survey statement and concluded that the transmission line will have no effect on any archaeological resources listed, or eligible for listing, in the National Register of Historic Places. Comments, as you deem appropriate, would be welcomed.

Very truly yours,

TENNESSEE VALLEY AUTHORITY

Maurice G. Msarsa, Chief
Mapping Services Branch

Enclosure

Church Hill

9



STATE OF TENNESSEE
TENNESSEE HISTORICAL COMMISSION
170 SECOND AVENUE, NORTH
NASHVILLE, TENNESSEE 37201
TELEPHONE (615) 741-2371

HERBERT L. HARPER, Executive Director
State Historic Preservation Officer

September 22, 1977

Mr. Maurice G. Msarsa, Chief
Mapping Services Branch
TVA
200 Haney Building
Chattanooga, Tennessee 37401

Re: Archaeological Survey of John Sevier-Churchill 161 KV
TL Tap to Phipps Bend Substation

Dear Mr. Msarsa:

This office has reviewed the archaeological survey report prepared by Robert M. Lafferty III assessing the archaeological potential of the above project. It is our opinion that the reconnaissance has adequately investigated the impact area and we concur with the findings of no archaeological properties in the impact area. Therefore no prehistoric archaeological properties included in or eligible for inclusion in the National Register of Historic Places will be affected.

Thank you for your cooperation in this matter.

Sincerely,

Herbert L. Harper
Herbert L. Harper

HLH:GFF:11

Mapping Services Branch			
SEP 26 1977			
Harry Giffing			
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✓	Chapman	200	✓
	Clerk	200	
	Curtis	217	
	Harris	193	
	Stevens	215	
✓	Walters	207	2xc
✓	Push File	200	

SITING & CLEARANCE
SEP 26 1977
STAFF TP & E

RAY BLANTON, Governor

B. R. ALLISON, Commissioner of Conservation

HARRY W. WELFORD, Memphis
Vice Chairman

RICHARD WELSNER, Nashville
Chairman

FRANK WINSTON, Bristol
Vice Chairman

10
TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401
239 Haney Building

April 12, 1979

Mr. Herbert L. Harper, Executive Director
Tennessee Historical Commission and
State Historic Preservation Officer
170 Second Street North
Nashville, Tennessee 37201

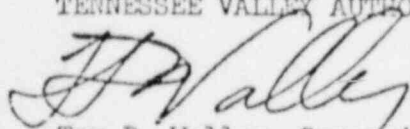
Dear Mr. Harper:

In January 1979, Dr. Robert H. Lafferty III, Department of Anthropology, University of Alabama, directed an archaeological reconnaissance of the proposed Phipps Bend-Sullivan transmission line in Sullivan County, Tennessee. Mr. Lafferty located two archaeological sites in the powerline right of way; however, neither of these sites will be affected by powerline tower construction. TVA construction personnel will be notified of these site locations to insure that they are avoided during construction.

TVA has determined that the construction of this proposed line will not have an adverse impact on any archaeological resources listed in or eligible for the National Register of Historic Places. We seek your concurrence with our determination. Additionally, the Tennessee site survey form attached to the archaeological report does not have site survey numbers. These forms have been sent to the Tennessee State Archaeologist to be assigned a permanent site number.

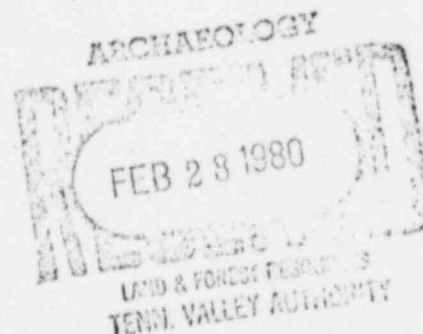
Very truly yours,

TENNESSEE VALLEY AUTHORITY



Tom D. Waller, Supervisor
Archaeology, Cemetery, and
Utility Relocation Section

Enclosure





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TENNESSEE DEPARTMENT OF CONSERVATION
TENNESSEE HISTORICAL COMMISSION
4721 TROUSDALE DRIVE, NASHVILLE 37220

615/741-2571

May 29, 1979

Mr. Maxwell D. Ramsey
Tennessee Valley Authority
Morris, Tennessee 37828

Re: Archaeological Assessment of Phipps Bend-Sullivan Transmission Line
done by Dr. R. Lafferty, University of Alabama

Dear Max:

My staff and I have reviewed the results of the above project assessment and we concur with your opinion that the project will not affect any prehistoric archaeological properties included in or eligible for inclusion in the National Register of Historic Places.

No further action is required to comply with the National Historic Preservation Act as it regards prehistoric archaeological resources.

Sincerely,

Herbert L. Harper
Executive Director and
State Historic Preservation Officer

RLH:GFF:ll

5/31/79--MDR:DC

cc: J. B. Graham, 239 HB-C

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POOR ORIGINAL

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401
162 Haney Building

12
TENNESSEE HISTORICAL
COMMISSION

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RECEIVED

November 15, 1979

Mr. Herbert Harper, Director
Tennessee Historical Commission
4721 Trousdale Drive
Nashville, Tennessee 37220

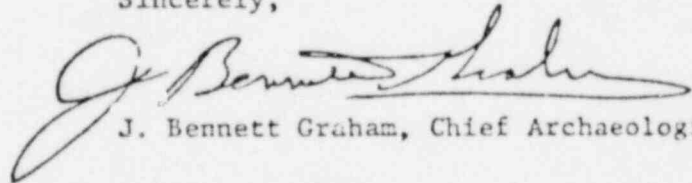
Dear Mr. Harper:

Enclosed is a report by Dr. Robert H. Lafferty III, Department of Anthropology, University of Alabama, Tuscaloosa, Alabama, of an archaeological survey for three proposed sections of TVA's Bull Run Sullivan 500 kV transmission line in Hawkins County, Tennessee. Although the report is entitled ". . . Bull Run-John Sevier Section . . ." the survey was conducted along a 350-foot right-of-way for two parallel lines, Bull Run-John Sevier Section and John Sevier-Sullivan Section, of the Bull Run Sullivan 500 kV transmission line. The survey also included a two-mile segment of a 50' right-of-way expansion for the John Sevier-Phipps Bend No. 2 and No. 4 161 kV transmission line.

Based on Lafferty's report, TVA has determined that construction of the above-three referenced transmission lines will not impact any archaeological site either on or eligible for the National Register of Historic Places.

By this letter, we are seeking your concurrence with our determination.

Sincerely,



J. Bennett Graham, Chief Archaeologist

Enclosure



TENNESSEE DEPARTMENT OF CONSERVATION
TENNESSEE HISTORICAL COMMISSION
4721 TROUSDALE DRIVE, NASHVILLE 37220
615/741-2371

January 10, 1980

Mr. Maxwell Ramsey
Tennessee Valley Authority
Norris, Tennessee 37828

Re: Three sections of Bull Run-Sullivan 500kV Transmission Line

Dear Max:

The State Historic Preservation Officer and his staff have reviewed the above project and based on the negative findings of Dr. Lafferty's archaeological survey, we concur with your opinion that the project will not affect any archaeological properties included in or eligible for inclusion in the National Register of Historic Places.

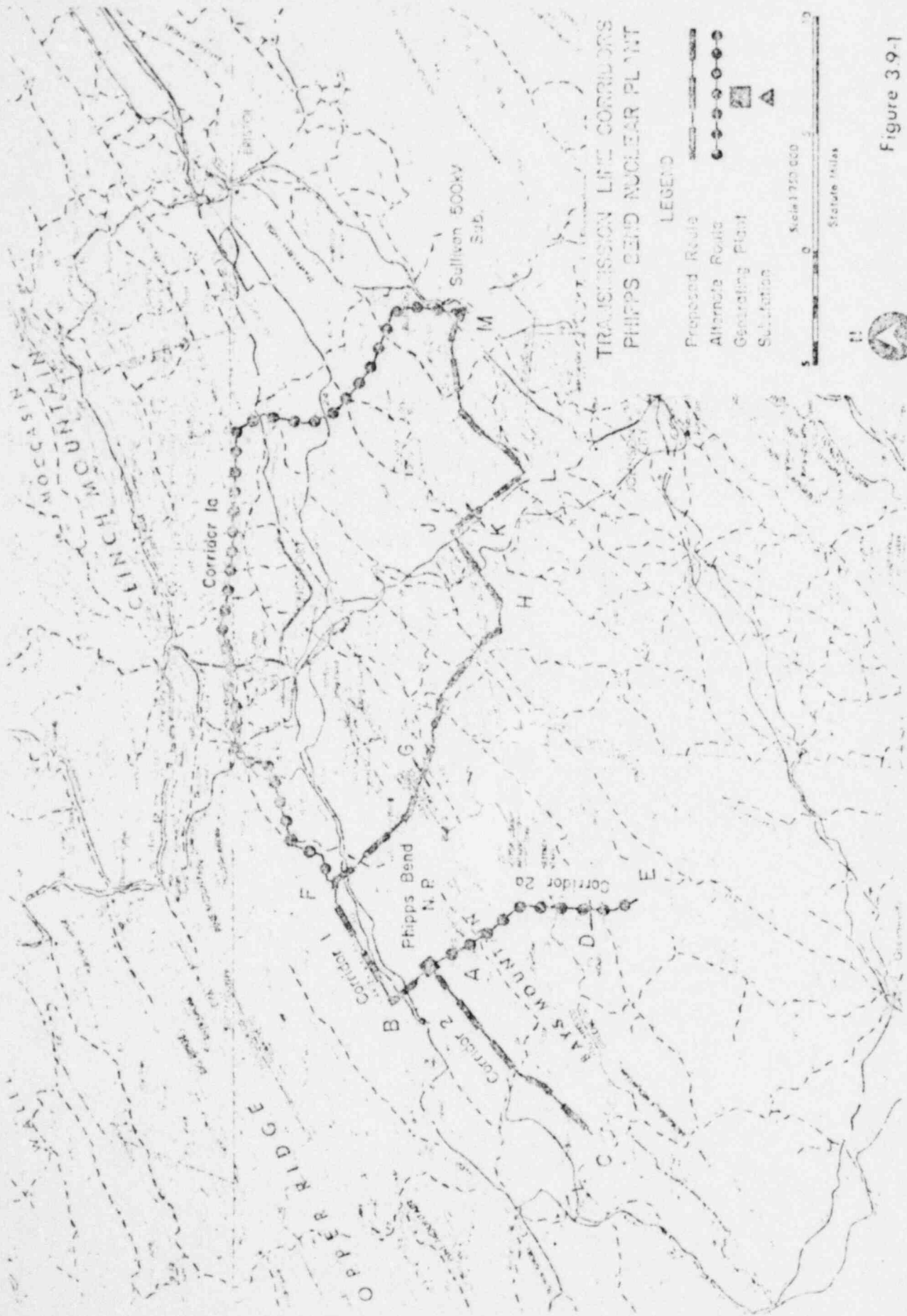
Thank you for your cooperation in this matter.

Sincerely,

Herbert L. Harper
Executive Director and
State Historic Preservation Officer

HLH:GFF:sh

Check this
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TRANSMISSION LINE CORRIDORS
PHIPPS BEND NUCLEAR PLANT

LEGEND

- Proposed Route
- Alternate Route
- Generating Plant
- Substation

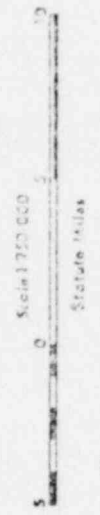


Figure 3.9-1

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ENCLOSURE 2

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