

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 8210070348 DUC. DATE: 82/10/04 NOTARIZED: NO DOCKET #
 FACIL: 50-438 Bellefonte Nuclear Plant, Unit 1, Tennessee Valley Au 05000438
 50-439 Bellefonte Nuclear Plant, Unit 2, Tennessee Valley Au 05000439
 AUTH. NAME: AUTHOR AFFILIATION
 MILLS, L.M.: Tennessee Valley Authority
 RECIP. NAME: RECIPIENT AFFILIATION
 ADENSAM, E.: Licensing Branch 4

SUBJECT: Forwards responses to NRC 820903 questions on facilities,
 "Bellefonte Site," "Rept on Old Bellefonte: Historical Site
 in Northern AL" & "Archaeological Survey of Scottsboro - Lim
 Rock 161 kV Transmission Line & Fort Payne..."

DISTRIBUTION CODE: B001S COPIES RECEIVED: LTR 1 ENCL 5 SIZE: 32+350
 TITLE: Licensing Submittal: PSAR/FSAR Amdts & Related Correspondence

NOTES: See "82 Reports"

	RECIPIENT ID CODE/NAME	COPIES LTR ENCL	RECIPIENT ID CODE/NAME	COPIES LTR ENCL
	NRR/DL/ADL	1 0	NRR LB4 BC	1 0
	NRR LB4 LA	1 0	HERNAN, R. 01	1 1
INTERNAL:	ELD/HDS2	1 0	IE FILE	1 1
	IE/DEP EPDS 35	1 1	IE/DEP/EPLB 36	3 3
	NRR/DE/AEAB	1 0	NRR/DE/CEB 11	1 1
	NRR/DE/EQB 13	3 3	NRR/DE/GB 28	2 2
	NRR/DE/HGEB 30	2 2	NRR/DE/MEB 18	1 1
	NRR/DE/MTEB 17	1 1	NRR/DE/QAB 21	1 1
	NRR/DE/SAB 24	1 1	NRR/DE/SEB 25	1 1
	NRR/DHFS/HFEB40	1 1	NRR/DHFS/LQB 32	1 1
	NRR/DHFS/OLB 34	1 1	NRR/DHFS/PTRB20	1 1
	NRR/DSI/AEB 26	1 1	NRR/DSI/ASB 27	1 1
	NRR/DSI/CPB 10	1 1	NRR/DSI/CSB 09	1 1
	NRR/DSI/ETSB 12	1 1	NRR/DSI/ICSB 16	1 1
	NRR/DSI/PSB 19	1 1	NRR/DSI/RAB 22	1 1
	NRR/DSI/RSB 23	1 1	NRR/DST/LGB 33	1 1
	REG FILE 04	1 1	RGN2	2 2
	RM/DDAMI/MIB	1 0		
EXTERNAL:	ACRS 41	6 6	BNL (AMDTS ONLY)	1 1
	DMB/DSS (AMDTS)	1 1	FEMA-REP DIV 39	1 1
	LPDR 03	1 1	NRC PDR 02	1 1
	NSIC 05	1 1	NTIS	1 1

Encls To PM-D Seakette
 nrr/sab
 Reg file
 Pdr
 LPdr
 NTIS
 NSIC

49

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

400 Chestnut Street Tower II

October 4, 1982

Director of Nuclear Reactor Regulation
Attention: Ms. E. Adensam, Chief
Licensing Branch No. 4
Division of Licensing
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

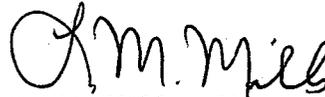
Dear Ms. Adensam:

In the Matter of the Application of) Docket Nos. 50-438
Tennessee Valley Authority) 50-439

In reply to your September 3, 1982 letter to H. G. Parris transmitting questions on the Bellefonte Nuclear Plant, we have the enclosed responses. As discussed with D. Scaletti of your staff, responses to questions 100.1, 310.13, 320.1, and 320.2 will be submitted on a different schedule.

Very truly yours,

TENNESSEE VALLEY AUTHORITY



L. M. Mills, Manager
Nuclear Licensing

Enclosure (20)

cc: U.S. Nuclear Regulatory Commission
Region II
Attn: Mr. James P. O'Reilly, Regional Administrator
101 Marietta Street, Suite 3100
Atlanta, Georgia 30303

*Boo1
1/5*

Encls To: *Pm - D. Scaletti,
NRR/SAB
Reg File
PDR
LPDR
NTIS
NSIC*

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A PDR

ENCLOSURE

310.1 Question:

Provide an estimate of the average annual number of workers (plant employees and contractor employees) that will be required during operation of the two units.

Response:

Operation of the plant will level out at about 800 people in 1985. In addition, a variable number of employees will be required to handle various outage activities. During any one year this number may vary between 200 and 850. From year to year, the average annual number may vary from 350 to 550. Thus, the peak average annual employment is about 1,350 and this will be reached for the first time in 1987.

310.2 Question:

Identify the likely residential location (i.e., names of communities, counties) of the workers.

Response:

In 1987, operation employment is projected to reach 1,350--800 operation and 550 outage employees. The projected distribution of these employees is based on surveys of both operation and construction employees because outage employees will be quite similar in classification and craft to construction employees.

Of the 800 operation employees, about 70 percent (550) will reside in Jackson County with the remaining 250 scattered among the surrounding counties. Of those residing in Jackson County, about 70 percent (375) will reside in the Scottsboro/Rollywood area. The remaining 175 employees will be scattered among the other communities in Jackson County.

Outage employees are expected to be split equally between Jackson County and surrounding counties. Those residing in Jackson County are expected to be distributed the same as operation employees--70 percent (200) in the Scottsboro/Hollywood area and the remaining 75 among other communities in Jackson County.

No significant concentration of employees is expected in any other places than those described above.

310.3 Question:

Identify any anticipated impacts on the affected communities' facilities and services (i.e., schools, hospitals, water and waste treatment, fire, police) that would result from the workers residence. List facilities and services that would require expansion or additions to capacity. Provide the same information for any Bellefonte Nuclear Plant demands on community services.

Response:

No significant impacts on any community facilities or services are expected due to operation of the plant. This judgment is based on a number of factors, including surveys of construction and operation employees, knowledge of the local area, and previous mitigation activities.

About 50 percent of the operation employees can be expected to move into the area. That means an influx of about 400 employees by the time operation employment levels off in 1985. About 80 percent of the immigrants (325) will locate in Jackson County and of those about 70 percent or 225 will locate in the Scottsboro/Hollywood area.

No outage employees are projected to move into the area. Based on a January 1981 survey, over 2,700 construction employees commute daily to the Bellefonte project. This should create a sufficient pool of appropriate skills so that even the short-term peak outage employment of 800 could be supplied locally.

The January 1981 survey also found that over 700 construction employees had moved into the Scottsboro/Hollywood area. This resulted in a total population influx of about 1,800 of which 350 were school age. During operation, only 225 employees are expected to move into the Scottsboro/Hollywood area with a total population influx of 775 of which 250 will be school age. Because most of the immigrating construction employees are either professionals or highly skilled craftsmen, they are likely to move to another project when Bellefonte is finished. This would result in capacity being available to accommodate the operation employment influx.

Some capacity or capability will be available in Hollywood for operation employees due to TVA's mitigation program during construction. First, the capacity of the water system was expanded to provide potable water to the plant and inmoving construction workers. As the demand for construction diminishes, more capacity will be available

BLNP

to accommodate new residents of Hollywood. Second, TVA provided funds for Hollywood to purchase a fire truck. This equipment will provide additional protection for many years in the future.

Operation of the plant itself will not put any significant burden on community facilities or services. However, when the Radiological Emergency Plan is developed, TVA will evaluate its effect.

310.4 Question:

Provide the estimated annual payroll for the first full year of operation for each unit (give the year in which the dollars are stated).

Response:

The estimated annual payroll for the first full year of operation for each unit is as follows:

Unit 1 - \$100,210,000 - 1985

Units 1 & 2 - \$158,906,500 - 1987

310.5 Question:

Provide an estimate of the average annual dollar amount of local purchases of materials and supplies resulting from the operation of the two units. Include a definition of the local area in preparing the estimate (i.e., counties, major towns, SMSA). Give the year in which the dollars are stated.

Response:

In terms of 1982 purchases for materials and supplies, the dollar amount for 12 months would be approximately \$743,525.44. The local areas in which these purchases would be made include Blount, DeKalb, Etowah, Jackson, Madison, and Marshall counties in Alabama and Hamilton County in Tennessee. Major cities in Alabama include Birmingham, Huntsville, and Gadsden. The major city in Tennessee is Chattanooga.

310.6 Question:

Identify any places where traffic congestion or problems of interference with patterns of local traffic might be anticipated due to plant operation or maintenance. Discuss anticipated measures that would be undertaken to alleviate such possible situations.

Response:

When the intersection of the primary access road with U.S. 72 was constructed, its design was based on handling the construction work force. In addition, at shift change time with 4,000 employees, two people expedite traffic flow--an officer of the Hollywood police department and a TVA public safety officer. Funds for the Hollywood officers are being provided through TVA's mitigation program. This assistance will end when construction is finished. At that time, traffic will be substantially reduced because employment will drop to about 1,350. The intersection will be more than adequate to handle the associated commuter traffic.

310.7 Question:

Are there any substantial changes in the station external appearance or layout which have been made subsequent to the description in the CP-FES? If so, please describe.

Response:

There have been no substantial changes in the station external appearance or layout. Changes to the layout are included on the attached figure 310.7-1 and dimensions of these changes are included in table 310.7-1. Both figure 310.7-1 and table 310.7-1 will be submitted on October 29, 1982.

310.8 Question:

Identify any impacts to cultural resources which could potentially result from the operation and maintenance activities related to the plant and transmission lines.

Response:

There are no known impacts to cultural resources that could result from operation and maintenance activities related to the plant and transmission lines.

310.9 Question:

Provide copies of any correspondence with the State Historic Preservation Officer relating to potential operating impacts of the plant on cultural resources.

Response:

See the attached correspondence.

FILE COPY

October 1, 1971

Mr. W. Warner Floyd, Executive Director
Alabama Historical Commission
305 South Lawrence Street
Montgomery, Alabama 36104

Dear Mr. Floyd:

As we have indicated to you in recent telephone conversations, TVA would like to contract with the Alabama Historical Commission for a field investigation of the Bellefonte Historical Site. TVA is prepared to make up to \$3,000 available to the commission for this purpose.

Since an area near the historic site is being considered by TVA as a possible location for a nuclear generating station, information establishing the historic significance of Bellefonte, especially knowledge of structural remains and other important features of the site, is needed to assure that the TVA project, should it be developed, can be properly related to the historic significance of the area. Based on conversations between members of our staff and yourself as well as your August 6, 1971, letter to Mr. A. J. Gray, we believe that a field investigation of the site conducted by the Alabama Historical Commission and supported by TVA would be the best way to secure the needed information. It is expected that the results of this investigation will provide the basis for further decision making regarding possible TVA activities relating to the historic site.

If this course of action is satisfactory, we would like to arrange for Mr. Wright of our staff to meet with you as soon as possible for further discussion of the proposed investigation.

Sincerely,

M. I. Foster, Director
Division of Navigation Development
and Regional Studies

HEW:MOB

CC: Dean Y. Matthews, Executive Director, TARCOC

R. C. Bomberg, Director, Alabama Development Office

O. M. Darryberry, 715 EB-C

J. E. Gilleland, 831 PRB-C

A. J. Gray, 509 AB-K

R. H. Marquis, 629 NSB-K

R. A. Elliot, 448 EB-C

J. R. Parrish, 505 UB-K

J. P. Taylor, 530 NSB-K

J. E. Watson, 818 PRB-C

H. B. Wright, Jr., 210 MB-K

DIVISION OF WATER CONTROL PLANNING	
OCT 5 1971	
To	
1-1	✓
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June 5, 1974

Mr. W. Warner Floyd, Executive Director
Alabama Historical Commission
725 Monroe Street
Montgomery, Alabama 36104

MAPS & SURVEYS BRANCH HANEY BUILDING		
200	MASSA	✓
201	GUY	✓
205	MCCARLEY	✓
216	COLE	.....
239	CURTIS	.....
244	MILES	.....
237	NEWBOLD	.....
207	WALLER	✓
202	CLARK	.....
113	DELAGHAW	.....
101	DODD	.....
203	GILL	.....
103	HAYES	.....
203	DRCH. FILES	.....

Dear Warner:

As promised in our telephone conversation last week, enclosed are copies of pertinent correspondence with Roger Nance regarding the proposed study for Bellefonte.

We had a very profitable interview with Ms. Beverly Bastian on Monday and believe she is capable of doing a competent research job. Corydon Bell is proceeding with a contract for her through the University of Alabama in Birmingham. At this time, we are shooting for a completed report from her by the end of July. She believes that this is a reasonable deadline for this basic research and for the type of factual presentation we are seeking. If, however, her project must necessarily extend beyond this time we are open to that possibility.

At the end of her research project we will then make a decision as to what next steps such as excavations are required. This of course would be done consulting with you. We will keep you informed on this issue. Thanks for your help, your concern, and your cooperation.

Sincerely,

Maxwell D. Ramsey, Program Coordinator
Recreation Resources Branch
Division of Reservoir Properties

MDR:LS Coordinated with Corydon Bell

Enclosures: Nance and Bridgers to Bell, 3-20-74 (w/enclosure)
Bell to Nance, 3-15-74
Maxwell Ramsey to DRP Files, 12-7-73
Nance to Ramsey, 10-17-73
Foster to Watson, 6-13-72 (w/enclosure)

CC: C. W. Bell, 404 EB-K
Jesse Mills, 100 NSB-K
David Powell, 508 NSB-K

6/7/74--CWB:EB

CC: E. H. Lososno, 448 EB-K
W. E. Massa, 207 EB-K

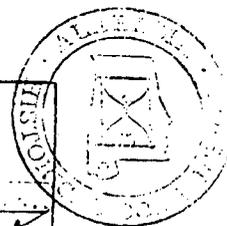
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BY AUTHORITY

STATE OF ALABAMA
ALABAMA HISTORICAL COMMISSION

725 MONROE STREET
MONTGOMERY, ALABAMA 36104

August 9, 1974

MAPS & SURVEYS BRANCH HANEY BUILDING		TELEPHONE NUMBER
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201	GUY
205	MCCARLEY
210	COLE
239	CURTIS
244	MILES
237	NEWBOLD
207	WALLER
202	CLARK
113	DILLASHAW	.....
191	DODD	.....
203	GILL	.....
103	HAYES	.....
203	BIRCHFIELD	.....



Maxwell D. Ramsey, Program Coordinator
Creation Resources-Branch
Division of Reservoir Properties
Tennessee Valley Authority
Knoxville, Tennessee

Max:

Thank you for your recent letter bringing us up to-date on the circumstances relative to the historical and archaeological research projects on Bellefonte.

The Tennessee Valley Authority is to be commended for the interest and cooperation it has shown in preserving this prominent asset of American Heritage.

The Alabama Historical Commission looks forward to perusing Ms. Bastian's research and to consulting with you on the archaeological and historic aspects of the Bellefonte area. Thank you again for your interest and assistance.

Sincerely,

W. Warner Floyd
W. Warner Floyd

-8/12/74
W. Bell, 404 EB-K
C. Mills, 100 NSB-K
G. Powell, 508 NSB-K

: CWB:EB
W. Aydelott, 707 UB-K
M. Burger, 511 AB-K
H. Marquis, 629 NSB-K
S. Massa, 200 HB-C

MAPS & SURVEYS BRANCH

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RECEIVED
TENNESSEE VALLEY AUTHORITY

J.B.G. ✓

October 8, 1974

Mr. W. Warner Floyd
Executive Director
Alabama Historical Commission
725 Monroe Street
Montgomery, Alabama 36104

Dear Mr. Floyd:

Ms. Beverly Bastian has recently completed her report for us on the old town of Ballefonte, a copy of which is enclosed. A copy of Dr. Nance's letter to TVA regarding her report is also enclosed.

We have carefully studied Ms. Bastian's report and Dr. Nance's recommendations in light of TVA's planned activities in the town site area associated with construction and operation of the proposed nuclear plant. We have reached some tentative conclusions as to the appropriate course to follow and would appreciate your comments before finalizing our decision.

Let me first bring you up to date on some changes in TVA's plans of which you may not be aware. In the early planning stages of the project, it was considered that the road through Ballefonte would be used as the principal access road to the plant site. This would probably have required that it be upgraded by widening or realigning. The plans have changed, however, and it has been decided that the permanent access road to the plant site will be across the Town Creek embayment via a causeway instead of through the old town. This new road should be completed 12 to 18 months after commencement of construction, well before construction activities reach their peak.

Until completion of the permanent access road, the existing road through the town site will be used as a temporary access route, and it will also later serve as a secondary access road to the plant. During this interim period, vehicles to and from the plant site will cause increased use of the road, but we anticipate no significant change from past usage and no detriment to the archaeological resources of the site. This road has been supporting heavy trucks for some time because of the sand and gravel operations located on the river, and our engineers feel that the road, as it presently exists, is wide enough and of sufficient strength to support the expected traffic to and from the site. Therefore, there should be no necessity for widening, rerouting, or any other changes to the road which would affect the archaeological resources in the townsite.

Ms. Bastian's report certainly represents a contribution by her and by TVA to knowledge of local traditions. It doesn't, however, reveal

Mr. W. Warner Floyd
October 8, 1974

anything of unique historical importance, but does add dimension to what we already know. In light of the information which she has developed, it is our view that the town of Bellefonte, which is privately owned, in and of itself is not significant as a historical entity. For this reason and since our activities as now planned will not affect the old town or the ability of the owners or others to recover historical data from the town, we do not see any obligation for TVA funding or conducting any further research activities in the town of Bellefonte.

Earlier, we had discussed the possible purchase of the old Martin Inn and its use as a visitor center for the proposed plant. Under present plans the permanent access road to the site will not be through the town of Bellefonte. The use of the inn as a visitor center would require its removal to a location no longer in context with the townsite and its history. Also, due to its size and design, the building would have a very limited capacity to serve as a visitor center. For these reasons, we do not believe such use of the inn would be appropriate or feasible.

We would be glad to discuss any aspect of this matter with you. Again, we are greatly appreciative of your help and guidance regarding Bellefonte.

Sincerely,

Maxwell D. Ramsey
Program Coordinator
Recreation Resources Branch
Division of Reservoir Properties

MDR:ES

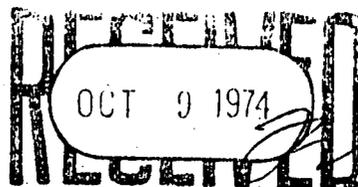
Enclosures

CC: W. W. Aydelott, Project Manager, Bellefonte Nuclear Plant,
Box 2000, Hollywood, Alabama

P. L. Evans, 333 NSB-K
M. I. Foster, 511 AB-K
N. B. Hughes, 403 PRB-C
P. A. Krenkel, 268 401B-C
E. H. Lesesne, 448 EB-K
R. H. Marquis, 629 NSB-K
W. C. Murray, 601 FFB-MS

BC: J. F. Burger, 624 NSB-K
J. C. Mills, 100 NSB-K
T. D. Waller, 207 HB-C

UTILITY RELOCATIONS



MAPS & SURVEYS BRANCH
TENN. VALLEY AUTHORITY



W. WARNER FLOYD
EXECUTIVE DIRECTOR

STATE OF ALABAMA
ALABAMA HISTORICAL COMMISSION

725 MONROE STREET

MONTGOMERY, ALABAMA



November 8, 1974

MAPS & SURVEYS BRANCH HANEY BUILDING		
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202	CLARK	<input type="checkbox"/>
113	DILLASIWW	<input type="checkbox"/>
101	DODD	<input type="checkbox"/>
203	BILL	<input type="checkbox"/>
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203	BRCH. FILES	<input type="checkbox"/>

DIVISION OF
WATER TELEPHONE NUMBER
FLA. 269-6839

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To	Initials	Initials
2	Lesesne	<input checked="" type="checkbox"/>
3	Stovall	<input checked="" type="checkbox"/>
	Cherish	<input type="checkbox"/>
	Smith	<input type="checkbox"/>
	Warrington	<input type="checkbox"/>
	Warrington	<input type="checkbox"/>

Mr. Maxwell D. Ramsey
Program Coordinator
Recreation Resources Branch
Division of Reservoir Properties
Tennessee Valley Authority
Knoxville, Tennessee 37902

RE: Proposed TVA Bellefonte Nuclear
Power Site: Jackson County, Alabama

Dear Mr. Ramsey:

Following a thorough review of your revised proposals for temporary and permanent access routes to the proposed Bellefonte facility, it is our judgment that the project will not adversely affect the historic and archaeological evidences of Bellefonte village site. Your assurances that the present road will not be widened, re-routed or otherwise changed indicates that the Jackson County seat site is not threatened by road construction or plant development activity.

The Alabama Historical Commission appreciates your attention to detail in this matter.

Sincerely,

W. Warner Floyd
W. Warner Floyd

WWE/sa

APPROVED:

Milo B. Howard, Jr.

Milo B. Howard, Jr.
State Historic Preservation Officer

11-20-74--BWB:ACC

CC: W. S. Massa, 200 HB-C

11/18/74--ls

Original to R. H. Marquis, 629 NSB-K
CC: W.W. Aydelott, Box 2000, Hollywood,
P. L. Evans, 333 NSB-K
M. I. Foster, 511 AB-K
N. B. Hughes, 403 PRB-C
P. A. Krenkel, 268 401B-C
E. H. Lesesne, 448 EB-K
W. C. Murray, 601 FFB-M
J. Porter Taylor, 109 WCB-K

JBG ✓
6-10-75

June 9, 1975

Mr. Warner Floyd, Executive Director
Alabama Historical Commission
725 Monroe Street
Montgomery, Alabama 36104

Dear Warner:

Back in mid-April I contacted you by phone regarding the proposed railroad access to the Bellefonte Nuclear Plant. As you may remember, a short section of the proposed railroad paralleled and on occasion crossed the route of the former stagecoach road that passed through the old town of Bellefonte. Our staff archaeologists had surveyed the road and found nothing important. I called to clear this matter with you so that we might proceed with preparation of the right of way for construction of the railroad.

You informed me at that time that you had no objection and your interest in the matter would be satisfied if I would send you a copy of the report recording the survey. Well, I have had the report for some time but have had a problem finding the right map to send with it. We finally put one together here utilizing information supplied to us and it is enclosed with a copy of the memorandum report. You will note from the map that the access route has changed from the preliminary one originally shown. We marked through that route and plotted the new one along with the route of the stagecoach road in the area where they coincide. The large scale strip maps of the railroad route from which we plotted did not show its extension to join the Southern Railway track. We would have shown it complete if the information was readily available but we felt it was not pertinent enough to delay this matter further. You had waited long enough.

You will also note that the old stagecoach road is now covered by the Town Creek embayment as the road approaches Bellefonte; thus we did not try to continue its alignment on the map.

I apologize for the delay and hope this information will be sufficient to cover your interests.

With best regards,

Maxwell D. Ramsey
Recreation Program Coordinator
Recreation Resources Branch
Division of Reservoir Properties

MDR:ES

Enclosures

CC: W. W. Aydelott, P. O. Box 2000, Hollywood, AL
James Burger, 620 NSB-K
J. C. Mills, 100 NSB-K

W. C. Murray, 601 FF
T. D. Waller, 207 HB

J. Bennett Graham, Staff Archaeologist, Division of Water Control Planning,
207 HB-C
John Coverdale, Assistant to Staff Archaeologist, Division of Water Control
Planning, 207 HB-C
April 21, 1975

**ARCHAEOLOGICAL SURVEY OF THE PROPOSED RAILROAD EXTENSION TO THE BELLEFONTE
POWER PLANT**

On April 2 and 3, an archaeological survey of the proposed railroad extension to the Bellefonte Power Plant area was conducted by TVA's Archaeological Unit. No area of prehistoric occupation was observed in the 150-foot right of way as staked for the project.

About 80 percent of the area was in pasture and the soil was a reddish clay that had fractured off from the underlying parent material. Sporadic fractured chert nodules were encountered, but none of these exhibited any cultural utilization. Auger-testing of the right of way also produced no signs of habitation. The small area that was forested was primarily the result of a reforestation project.

During the course of the survey it was noted that a certain area of the railroad right of way would run along the former route of a stagecoach road which had passed through the old town of Bellefonte. However, no related evidence was uncovered and the right of way, as staked, is cleared archaeologically.

JCG:ES

CC: Maxwell D. Ramsey, 123 WCB-K

9/15
7/15
Or



WARNER FLOYD
EXECUTIVE DIRECTOR

STATE OF ALABAMA
ALABAMA HISTORICAL COMMISSION

725 MONROE STREET
MONTGOMERY, ALABAMA 36104



TELEPHONE NUMBER
269-6839

June 12, 1975

Mr. Maxwell D. Ramsey
Recreation Program Coordinator
Recreation Resources Branch
Division of Reservoir Properties
Tennessee Valley Authority
Knoxville, Tennessee 37902

RE: Bellefonte Nuclear Plant
Railroad access

Dear Mr. Ramsey:

Thank you for your letter of June 9, 1975 relating to the
above referenced project.

After a thorough review of our "Alabama Register of Heritage
and Landmarks", an examination of historic and current maps relevant
to the project and onsite inspections of the area by interested
preservationists, the Alabama Historical Commission concludes
that the construction of the project will have no adverse affect
on any historical sites and structures.

No prominent archaeological evidences were discovered in our
survey. Should your construction activity uncover any such
evidences, please contact our staff archaeologist for immediate
salvage operations.

Sincerely,

W. Warner Floyd
W. Warner Floyd

GCB

6/30/75--ls

APPROVED:

CC: W. W. Aydelott
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Milo B. Howard, Jr.

Milo B. Howard, Jr.
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National Historic Preservation Act

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April 7, 1975

Mr. J. Bennett Graham
Staff Archaeologist, TVA
207 Haney Building
Chattanooga, TN 37401

Dear Mr. Graham:

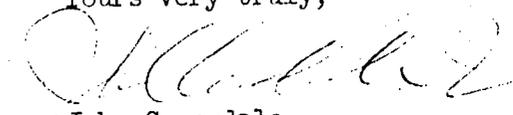
On April 2 and 3, 1975, an archaeological survey of the proposed railroad extension to the Bellefonte Power Plant area was conducted by TVA's Archaeological Unit. No area of prehistoric occupation was observed in the 150-foot right of way as staked for the project.

About 80% of the area was in pasture and the soil was a reddish clay that had fractured off from the underlying parent material. Sporadic fractured chert nodules were encountered, but none of these exhibited any cultural utilization. Auger-testing of the right of way also produced no signs of habitation. The small area that was forested was primarily the result of a reforestation project.

During the course of the survey it was noted that a certain area of the railroad right of way would run along the Old Stagecoach Road which ran through the old town of Bellefonte. The stagecoach route, which ran from Knoxville, Tennessee, to Huntsville, Alabama, may be of historical interest to the state of Alabama if the state plans any historical work on the old town of Bellefonte. I would recommend that the Old Stagecoach Road, in the affected area, be mapped, profiled, and photographed for historical documentation. Copies then should be sent to the Alabama Historical Commission.

The railroad right of way, as staked, is cleared archaeologically.

Yours very truly,



John Coverdale
Assistant to Staff Archaeologist, TVA

310.10 Question:

Discuss the status of any agreements reached with the Alabama Historical Commission with regard to Old Bellefonte and/or other historical structures and sites. Provide copies of documents relevant to the subject.

Response:

The site of the former Town of Bellefonte is on privately owned property. All but two of the structures of the original town are gone, and the remaining standing structures are in bad repair. Since TVA was able to avoid impact on the old townsite during the course of construction of the Bellefonte Plant, there is no need to ask for a determination of eligibility on the site. Any current responsibility for considering the question of National Register nomination would belong to the owner of the site. (In addition, refer to the correspondence attached to the response to question 310.9.)

310.11 Question:

Discuss the status of salvage excavation activities with regard to Site 1 JA 300 and/or other sites and provide copies of documents related to the subject.

Response:

A data recovery program through salvage excavation was conducted on 1JA300 in 1973 and 1974. Results were published in a 1977 report, 'The Bellefonte Site - 1JA300' by Eugene M. Futato (copy attached).

310.12 Question:

Discuss the status of the professional survey to be done with regard to the transmission line corridors.

Response:

All transmission line corridors were surveyed by professional archaeologists, and a 'no effect' determination regarding impact to significant archaeological resources was made. Reports concerning these surveys are attached.

310.14 Question:

During operation, what sort of traffic will the plant generate on the Tennessee River? (5.6)

Response:

During plant operation, BLN could generate barge traffic on the Tennessee River. Tows should be infrequent and number less than 12 per year.

310.15 Question:

How will plant operation affect recreation at Guntersville Reservoir? (5.6)

Response:

Plant operation should not affect recreation at Guntersville Reservoir. There are no restrictions placed on commercial and recreational boating and fishing along the site shoreline. If necessary, buoys and markers will be placed to indicate any potentially hazardous features which are plant related (e.g., diffuser piping, intake skimmer boom, etc.).

310.16 Question:

Has TVA identified any operational factors which could interfere with commercial or recreational traffic on the Tennessee River? If so, what are they? (5.6)

Response:

During normal plant operation, there should be no interference. It is possible that during emergency conditions, river traffic in the area would be stopped or otherwise directed and adversely affect commercial and recreational traffic. Several private and public recreational docking facilities in the area would have to be closed to traffic. Without data relevant to a specific emergency condition and the activities affecting river traffic; however, it is impossible to predict the extent of this impact on commercial traffic.

310.17 Question:

What, if any, construction is planned during operation?
(5.5)

Response:

After unit 1 is loaded with fuel, construction activities will be continued on readying unit 2 for fuel loading which is scheduled to follow unit 1 by one year. Another 2-3 years will be required to complete the project. While both units are operational, work will include scope/additions, design modifications, removal of construction facilities, disposal of surplus materials and equipment, final cleanup, and landscaping.

310.18 Question:

Please submit one copy each of: (5.6

- a. 'Report on Old Bellefonte'
- b. Report by qualified archaeologists on the transmission line routes.
- c. Any new information not in Appendix A, section 9, on recreational plans for the Bellefonte peninsula.

Response:

- a. The report is attached.
- b. The report is attached.
- c. The visitors center indicated in TVA FES, Appendix A, is no longer part of the project plans (FSAR, Amendment 19).