

August 22, 1984

Mr. D. C. Quarles, Area Superintendent
Tennessee Valley Authority
Division of Power System Operations
Knoxville, Tennessee 37902

Re: John Riggs Service Near Harriman Primary

Dear Mr. Quarles:

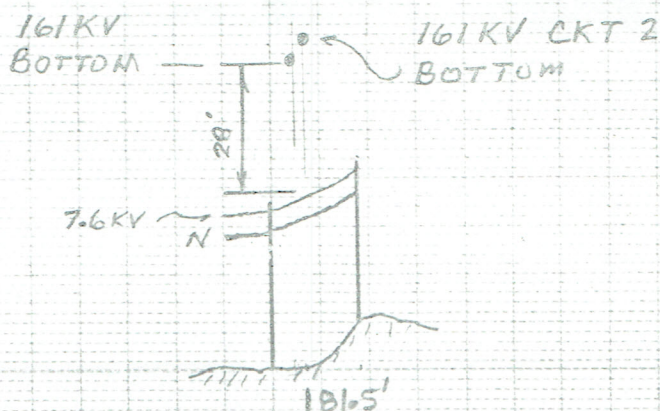
The Harriman Utility Board request permission to install a power line under your 161 Kv line as indicated on the attached print.

Very truly yours,

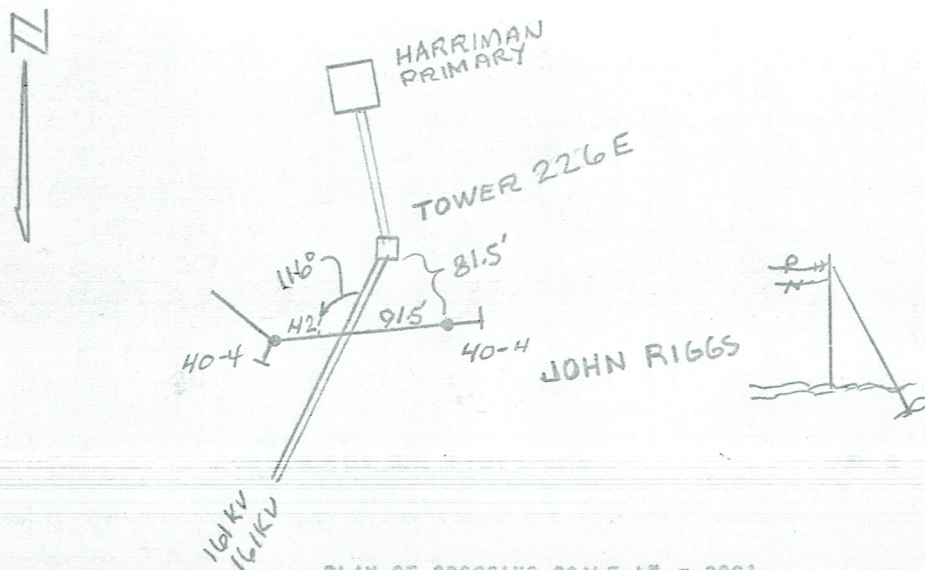
Richard A. Hall
ENGINEER

RAH:el

Encl



PROFILE OF CROSSING SPAN OVER T.V.A. RIGHT-OF-WAY SCALE 1"=40' VERT. AND 1"=400' HOR.



PLAN OF CROSSING SCALE 1"=200'

SKETCH SHOWING APPROXIMATE ANGLE OF CROSSING, NORTH ARROW, DISTANCES TO ADJACENT STRUCTURES OF EACH LINE, T.V.A. STRUCTURE NUMBERS, CONDUCTOR SIZE AND CONFIGURATION OF CROSSING CIRCUIT

LINE CROSSING DATA			DATA FROM T.V.A. RECORDS		
A	CONDUCTOR HEIGHT AT CROSSING, AT TEMP. ____° F.	PRES. ENT. PRO. POSED	A	CONDUCTOR HEIGHT AT CROSSING WITH SAG AT 120° F. FINAL.	
1	T.V.A. POWER CONDUCTOR, LOWEST	65'	1	T.V.A. POWER CONDUCTOR	
2	T.V.A. TELEPHONE CONDUCTOR	N/A	2	T.V.A. TELEPHONE CONDUCTOR	
3	CROSSING CONDUCTOR, HIGHEST	30'	B	SIZE & MATERIAL OF POWER CONDUCTOR	
4	CROSSING CONDUCTOR, LOWEST	25'	C	SIZE & MATERIAL OF TELEPHONE CONDUCTOR	
B	SIZE & MATERIAL OF CROSSING CONDUCTORS	1/0 ACSR	D	STATUS OF R/W	
C	MINIMUM CLEARANCE OF CROSSING CONDUCTORS OVER T.V.A. R/W	24'	E	SURVEY STATIONS AT ADJACENT CROSSING STRUCTURES	
D	IS LOCATION ACCESSIBLE TO VEHICLES	YES	F	PROFILE DRAWING NO. & SHEET NO.	

SEE DWG. SC-22467, SHEETS 1 & 2 SHOWING SAMPLE APPLICATION, RECOMMENDED MIN. CLEARANCES, ETC. IN ANY CASE THE REQUIREMENTS OF THE LATEST EDITION OF THE NATIONAL ELECTRICAL SAFETY CODE SHALL BE MET.

BETWEEN SUBSTATION HARRIMAN & SUBSTATION ROANE

HARRIMAN UTILITY BOARD

TO THE TENNESSEE VALLEY AUTHORITY

CONSTRUCTION DATA FOR THE PROPOSED 7.62 KV CROSSING UNDER THE T.V.A. 161 KV HARR-ROANE-ROCKWOOD-HARR LINE NEAR HARRIMAN (TOWN) ROANE (COUNTY) TENN. (STATE), BETWEEN T.V.A. STRS. NO. 226E AND 226D

CROSSING REPORTED COMPLETE AS SHOWN SIG DATE

ISSUE	REVISION	DATE	SIG	DRAWN <u>RH</u>	SUBMITTED	APPROVED	DATE <u>8-22-84</u>
				TRACED			
				CHECKED			
				CORRECT			

LW-3800 SHEET 4A