



NOTES:

Reservoir areas were measured on a composite map prepared by the Hydraulic Data Branch. Areas from Nickajack Dam to Hales Bar Dam were measured on a navigation map, Scale 1"=1/2 mile, with contours at 10' intervals from elevations 560 to 610, 5' intervals from elevations 610 to 630, and at elevations 634 and 640. Previously measured areas above Hales Bar Dam (See dwg. no. 71-DA-1-321G791) were adjusted to agree with the 1969 survey. Contours were made to conform to elevations on TVA sediment range cross sections which are located at one-half to one mile intervals within the reservoir.

The 1969 volume was computed by the contour method.
 Elevations are referred to the USC&GS 1936 Supplementary Adjustment.

Area of original river within reservoir = 4,200 acres.

Drainage area at dam = 21,870 sq. mi.

Dam closure December 14, 1967.

1	10-6-72	DCW	PCS			
ADJUST AREA AT ELEV. 634						
REV	DATE	MADE	CHKD	SUPV	INSP	
DRWN		COMPUTED				
TRCD	RHL	ENGINEER				
CHKD						

TENNESSEE RIVER MILE 424.7			
RESERVOIR AREAS AND VOLUMES			
NICKAJACK PROJECT TENNESSEE VALLEY AUTHORITY DIVISION OF WATER CONTROL PLANNING			
SUBMITTED	RECOMMENDED	APPROVED	
<i>Edwin B. McCall</i>	<i>Paul C. Spoth</i>	<i>Paul C. Spoth</i>	
KNOXVILLE	12-28-70	69 DA 1	321G867R1