400 North Akard Street
Dallas, Texas 75201
Telephone 214 742-1941

Noted
Central File

September 16, 1981

Mr. Richard Jones
Liability Underwriting
American Nuclear Insurers
270 Farmington Avenue
Farmington, Connecticut 06032

RECEIVED
OCT 2 1981

M&M Nuclear Consultants

Tennessee Valley Authority
Browns Ferry, Sequoyah & Watts Bar Nuclear Plants
ANI Policies NF-198, NF-247 & NF-256
MAELU Policies MF-66 and MF-102
Off-site Cost Data

Dear Rich:

Attached per our discussion this afternoon are copies of the Cost Data sheets for those facilities which are located off the clarified site descriptions at the Tennessee Valley Authority nuclear plants captioned above. Please see my letter of 7/14/81 to John Quattrocchi.

It should be noted that these are expenditure figures which may overstate the insurable value.

Also attached for your reference are highlighted reduced copies of the respective plant plot plans.

As we discussed, TVA is most interested in completing the site clarification process for Browns Ferry first. Thanks for your help, Rich.

Very truly yours,

John R. Duck, Jr.
Assistant Vice President

cc: I. Dinitz
J. R. Monahan

jf

Enclosures

M001
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1/1

8110050254 810916
PDR ADOCK 05000259
J PDR

July 14, 1981

Mr. John L. Quattrocchi
Vice President
Liability Underwriting
American Nuclear Insurers
270 Farmington Avenue
Farmington, Connecticut 06032

Tennessee Valley Authority
Browns Ferry, Sequoyah & Watts Bar Nuclear Plants
ANI Policies NF-[illegible], NF-247, NF-256
MAELU Policies NF-66, NF-132
Off-Site Cost Data

Dear John:

Attached for your use in determining appropriate surcharges are three sheets prepared by the Tennessee Valley Authority to show significant concentrations of off-site values which may result from the clarified site descriptions submitted with my 5 June 1981 letter.

Very truly yours,

John R. Duck, Jr.
Assistant Vice President

BPS: Jim, we will need to go over these cost figures with Pete Snell to determine what portion of each cost is "insurable" value (ACV).

cc: J. R. Monahan

jf

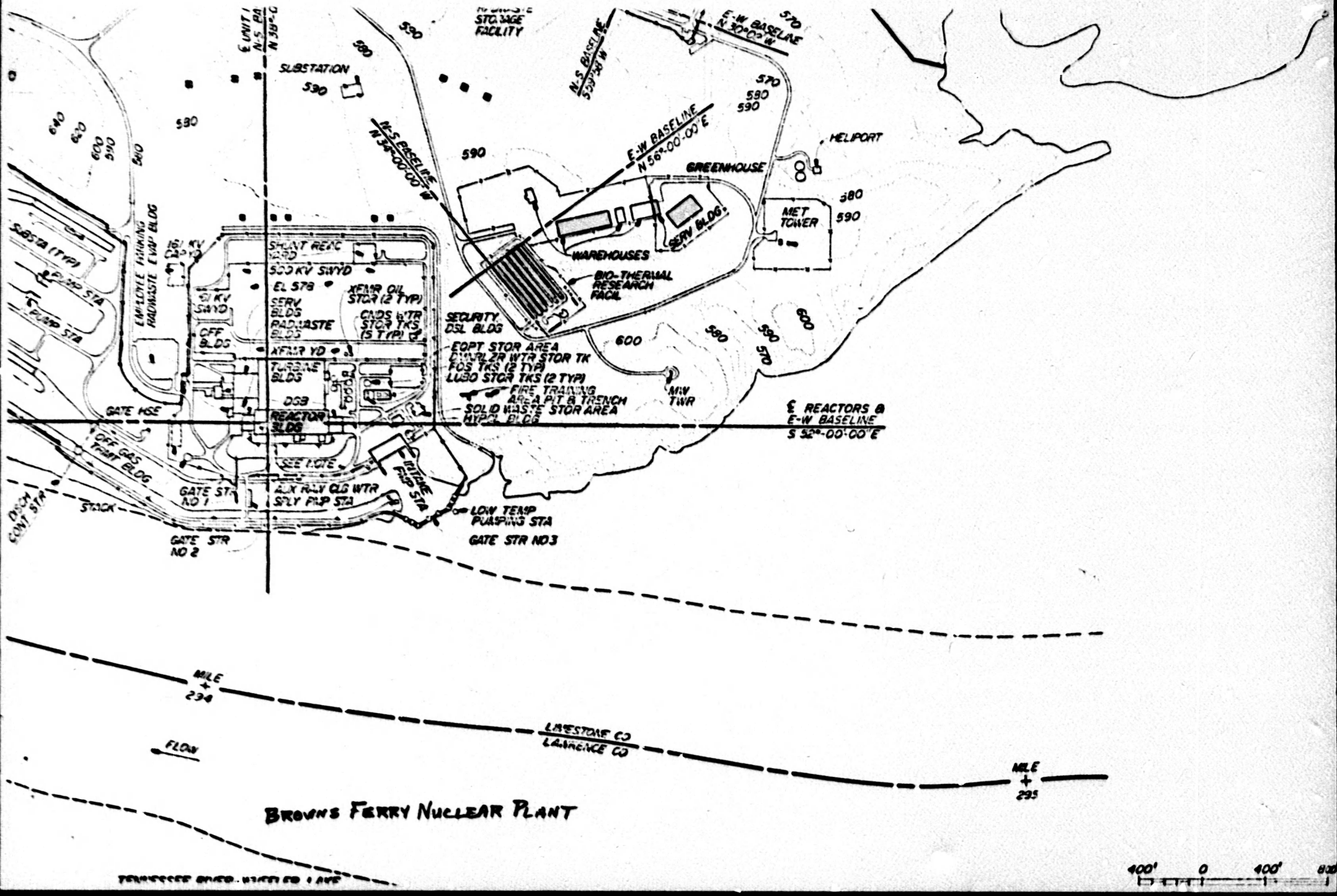
Enclosure

Browns Ferry Nuclear Plant Site
Cost Data of Selected Facilities

	Expenditures through 3-31-81
Biothermal Research Facilities In service (~1800' from centerline reactors E-W baseline)	$1,452,559.66[a]
Greenhouse - structure In service (~1200' from centerline reactors E-W baseline) In progress	1,220,657.07 78,516.75
Total greenhouse structure	$1,299,173.82
Greenhouse - roads, parking area, and fence In service	$ 239,491.50
Greenhouse - service and office building In service	$ 312,735.03
Warehouses 15 - 40' x 100' modules In service (~1100' to 1200' from centerline reactors E-W baseline)	$ 402,339.08

Note:
a. Does not include $2,039,789.07 funded by EPA.

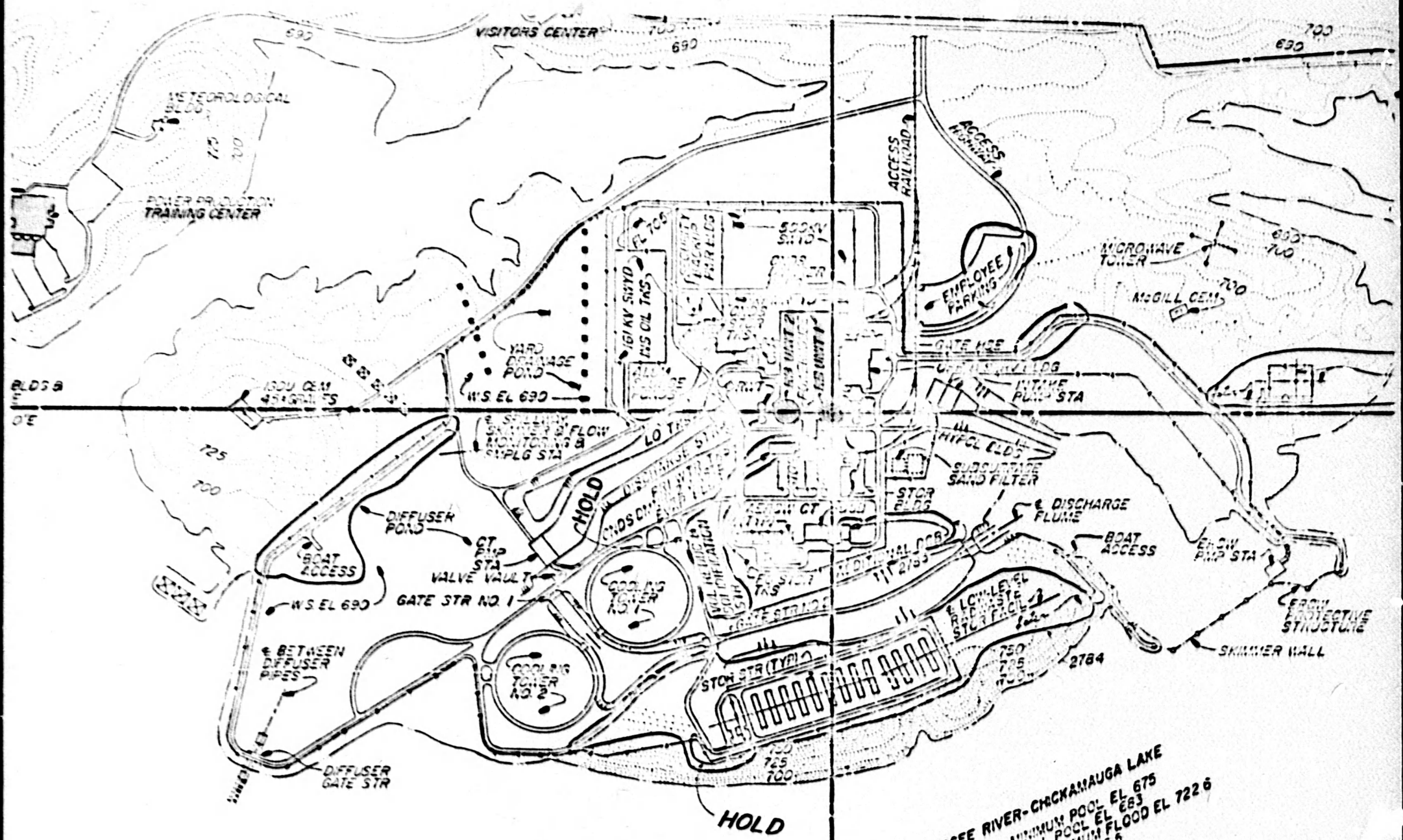
PAB/5-14-81


STORAGE FACILITY
SUBSTATION
N-S BASELINE
E-W BASELINE
HELIPORT
GREENHOUSE
MET TOWER
SERV BLDG
WAREHOUSES
BIO-THERMAL RESEARCH FACIL
SECURITY DSL BLDG
EMPLOYEE TRAINING
RADWASTE EVAP BLDG
SUBSTA (TYP)
PUMP STA
SHUNT REAC YARD
500 KV SWYD
EL 578
SERV BLDG
RADWASTE BLDG
XFMR OIL STOR (2 TYP)
CNDS WTR STOR TKS (5 TYP)
OFF BLDG
XFMR YD
TURBINE BLDG
DGB
REACTOR BLDG
SEE NOTE
GATE HSE
OFF GAS TRMT BLDG
GATE STR NO 1
AUX RAW CLG WTR SPLY PMP STA
DISCH CONT STR
STACK
GATE STR NO 2
LOW TEMP PUMPING STA
GATE STR NO 3
EQPT STOR AREA
FIRE TRAINING AREA PIT & TRENCH
SOLID WASTE STOR AREA
MW TWR
℄ REACTORS @ E-W BASELINE
S 52°-00'-00" E
MILE + 294
MILE + 295
LIMESTONE CO
LAWRENCE CO
FLOW
BROWNS FERRY NUCLEAR PLANT
400' 0 400'

Sequoyah Nuclear Plant Site
Cost Data of Selected Facilities

		Expenditures through 4-31-81
Power Operations Training Center - Structure, equipment, and parking areas		
In service	(~1000' from centerline reactor building N-S baseline)	$20,245,571.10
In progress		8,251,932.03
Total training center		$28,497,503.13
Visitors Center - Structure, drives, walks, and picnic tables		
In service	(~1200' from centerline reactor building Unit 1 E-W baseline)	$ 192,109.13

PAB/5-14-81



SEQUOYAH
NUCLEAR PLANT

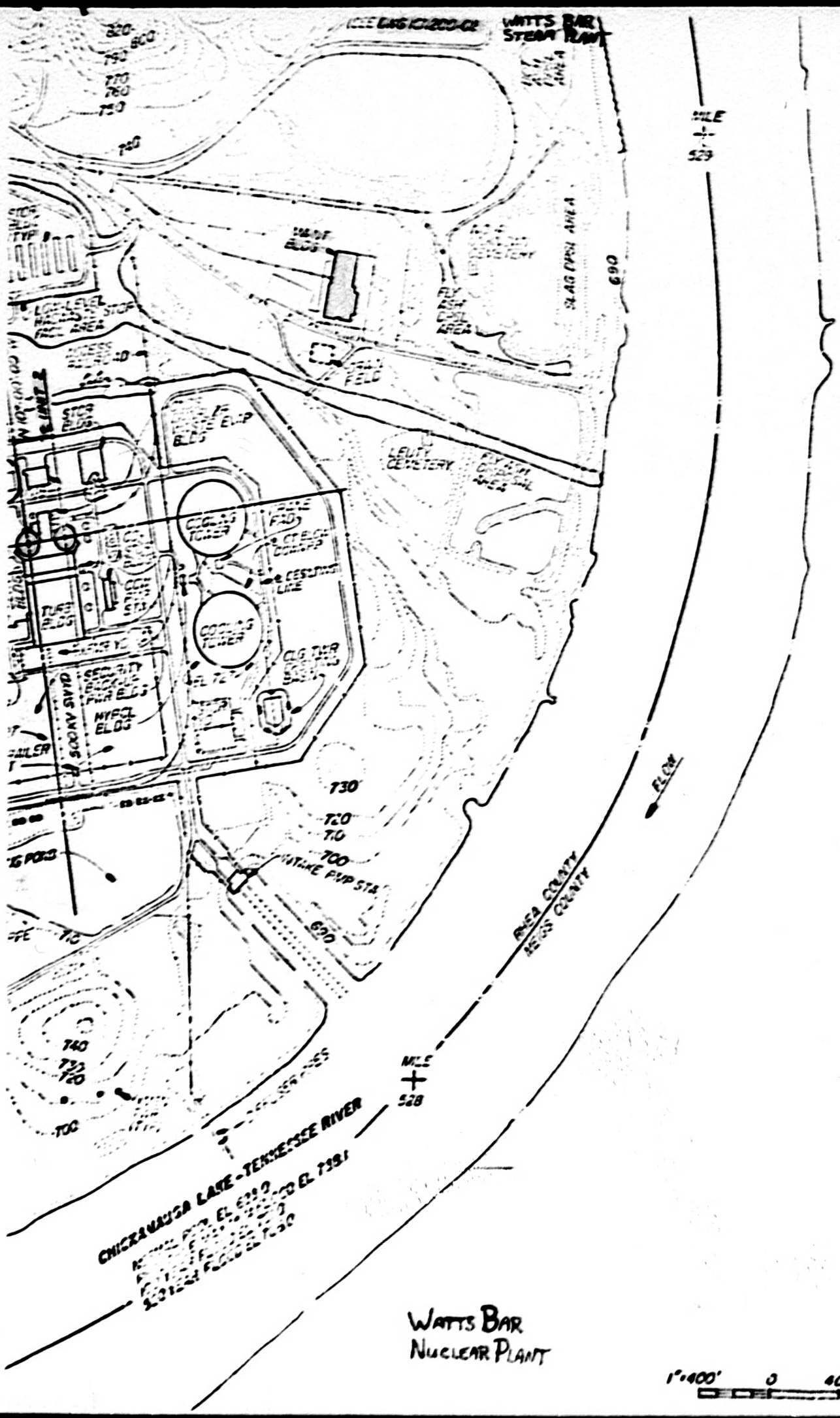
MILE 484

Watts Bar Nuclear Plant Site
Cost Data of Selected Facilities

	Expenditures through 3-31-81
Maintenance center	
Structure, equipment, and yard improvements	
In service (~1000' from centerline reactor buildings E-W baseline)	$3,737,053.00
In progress (~1000' from centerline reactor buildings E-W baseline)	209,571.25
Total maintenance center	$3,946,624.25
Watts Bar Steam Plant[a]	
In service (~2400' from centerline reactor buildings E-W baseline)	$23,929,263.99
In progress (~2400' from centerline reactor buildings E-W baseline)	386,327.93
Total Watts Bar Steam Plant	$24,315,591.92
Watts Bar Steam Plant Switchyard	
In service	$1,226,140.94

Note:
a. Accumulated depreciation at March 31, 1981 is $20,610,577.50.

PAB/5-14-81



WATTS BAR
NUCLEAR PLANT

1" = 400' 0 400' 800