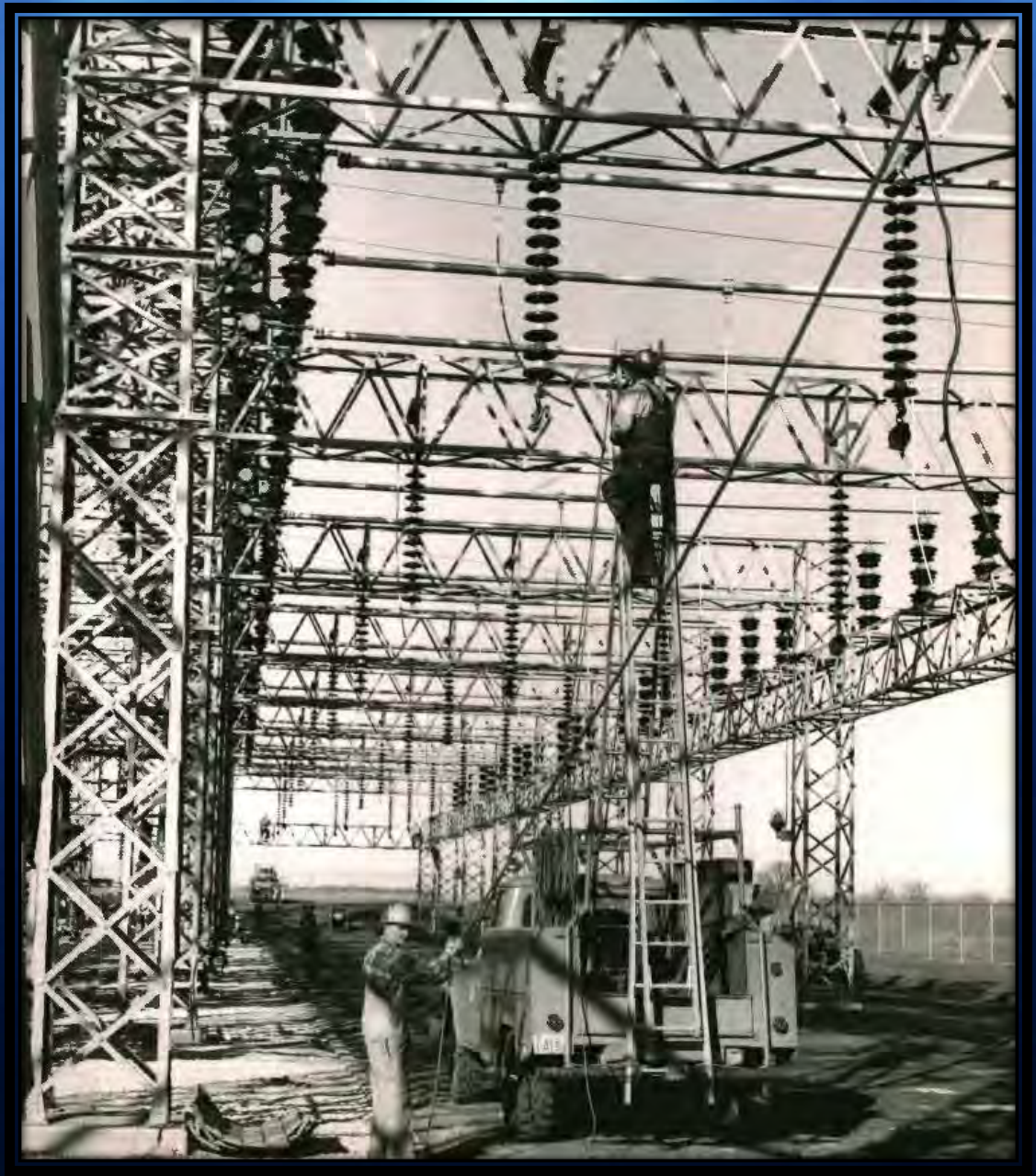
SOUTHWESTERN POWER ADMINISTRATION

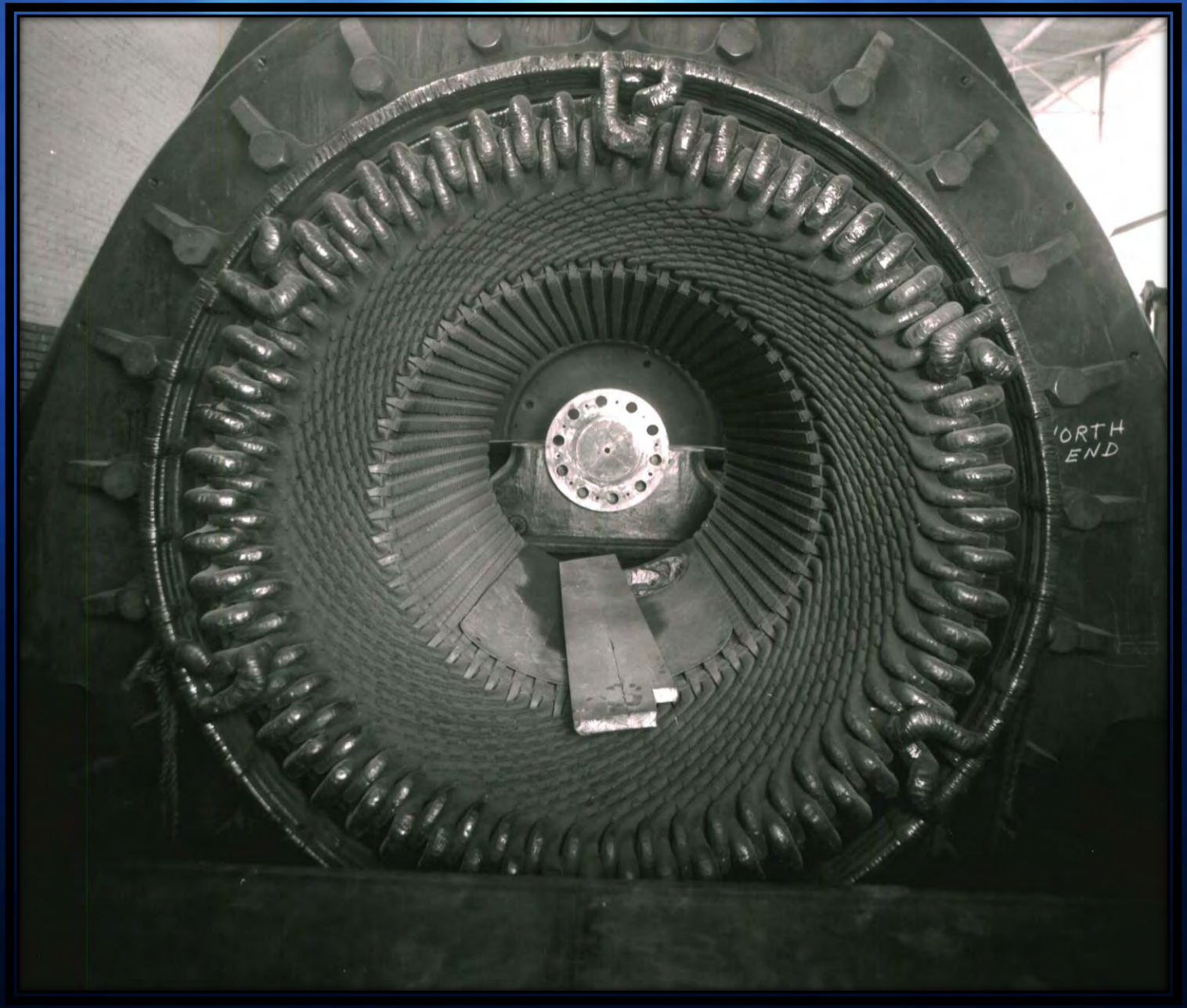
75TH ANNIVERSARY CELEBRATION PLACES

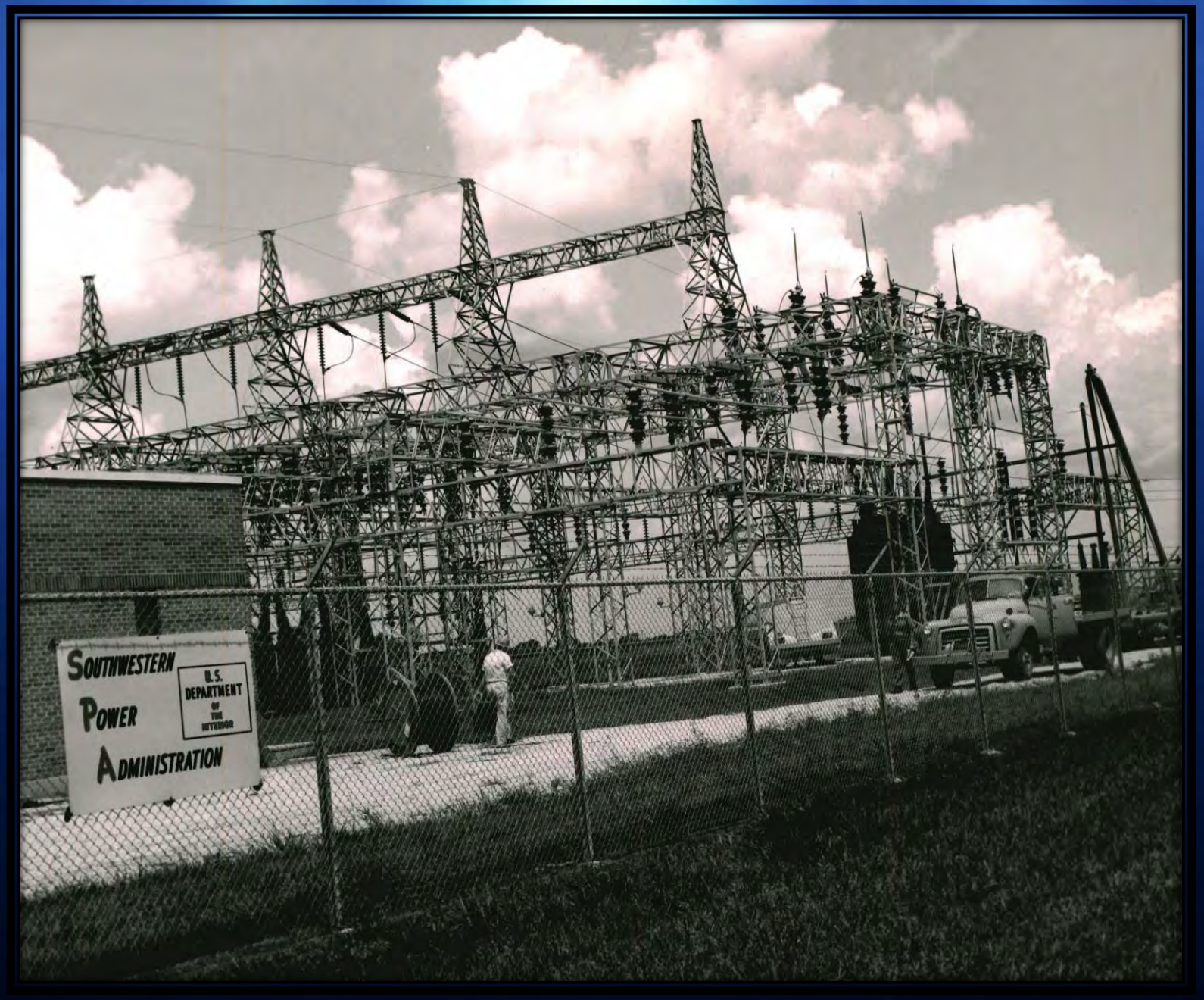
U.S. DEPARTMENT OF THE INTERIOR
MARCH 3, 1849

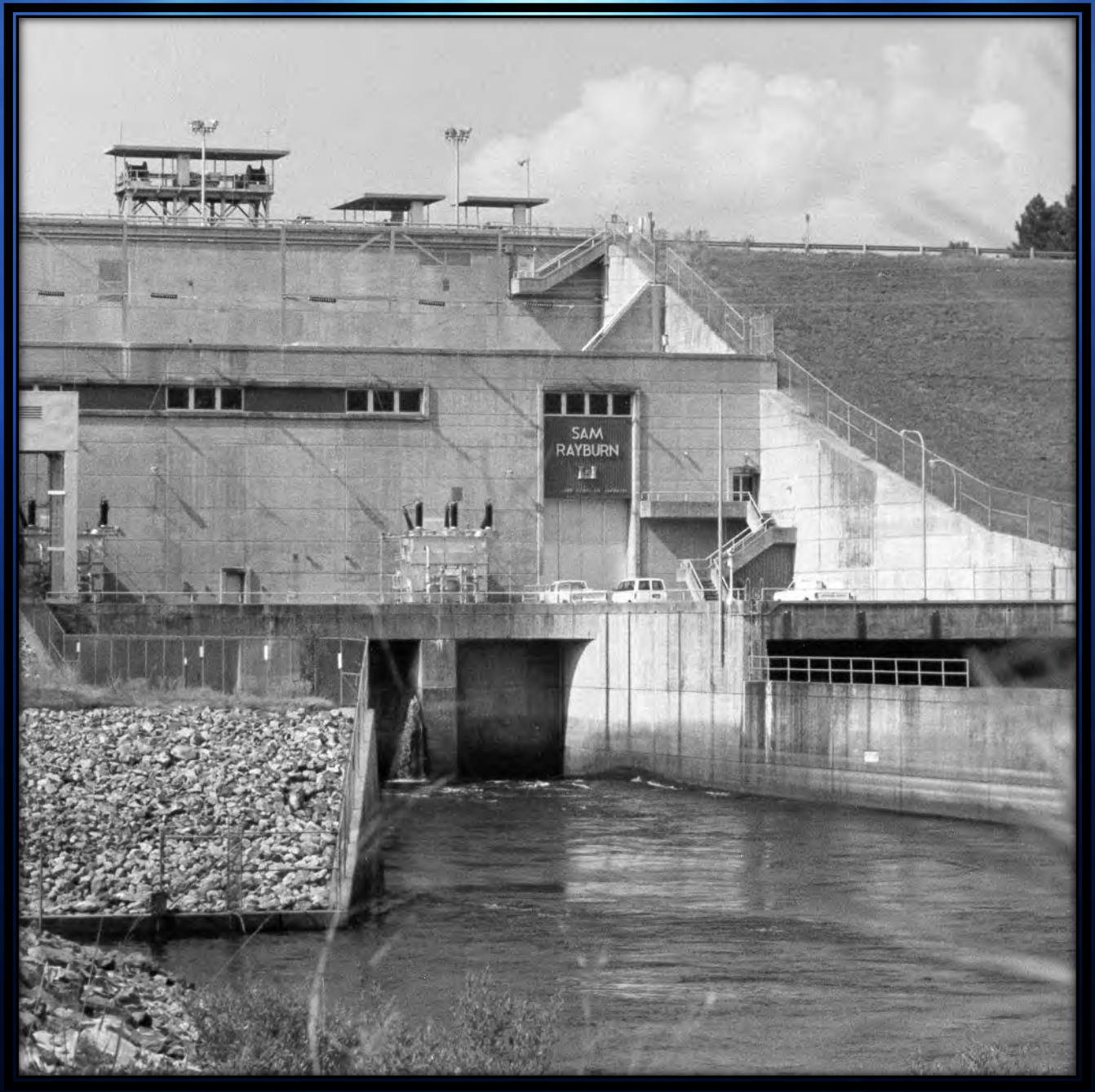
MUSKOGEE
GAS AND ELECTRIC CO.
H.M. BYLLESBY & CO
Engineers and Managers
TO ARMS

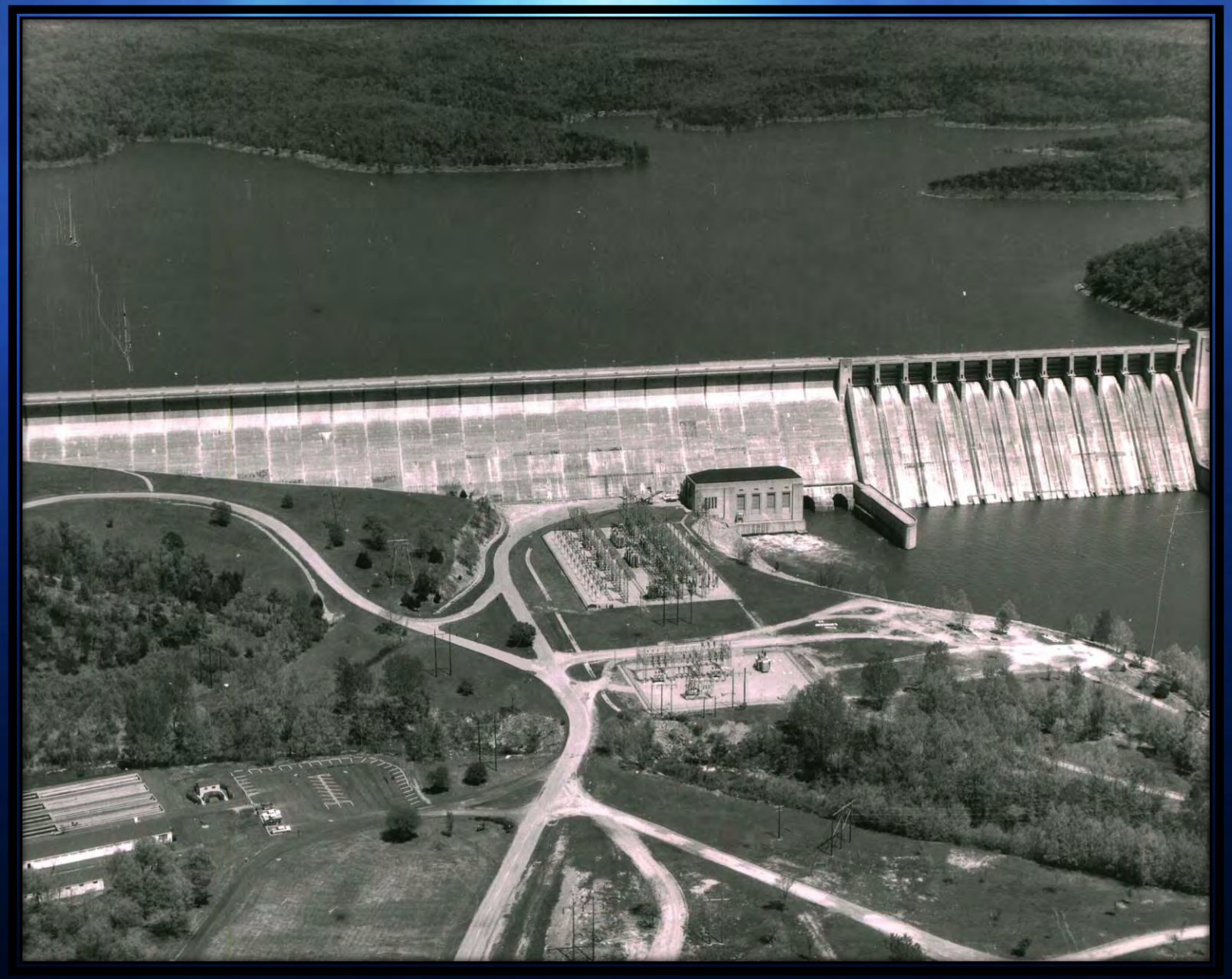


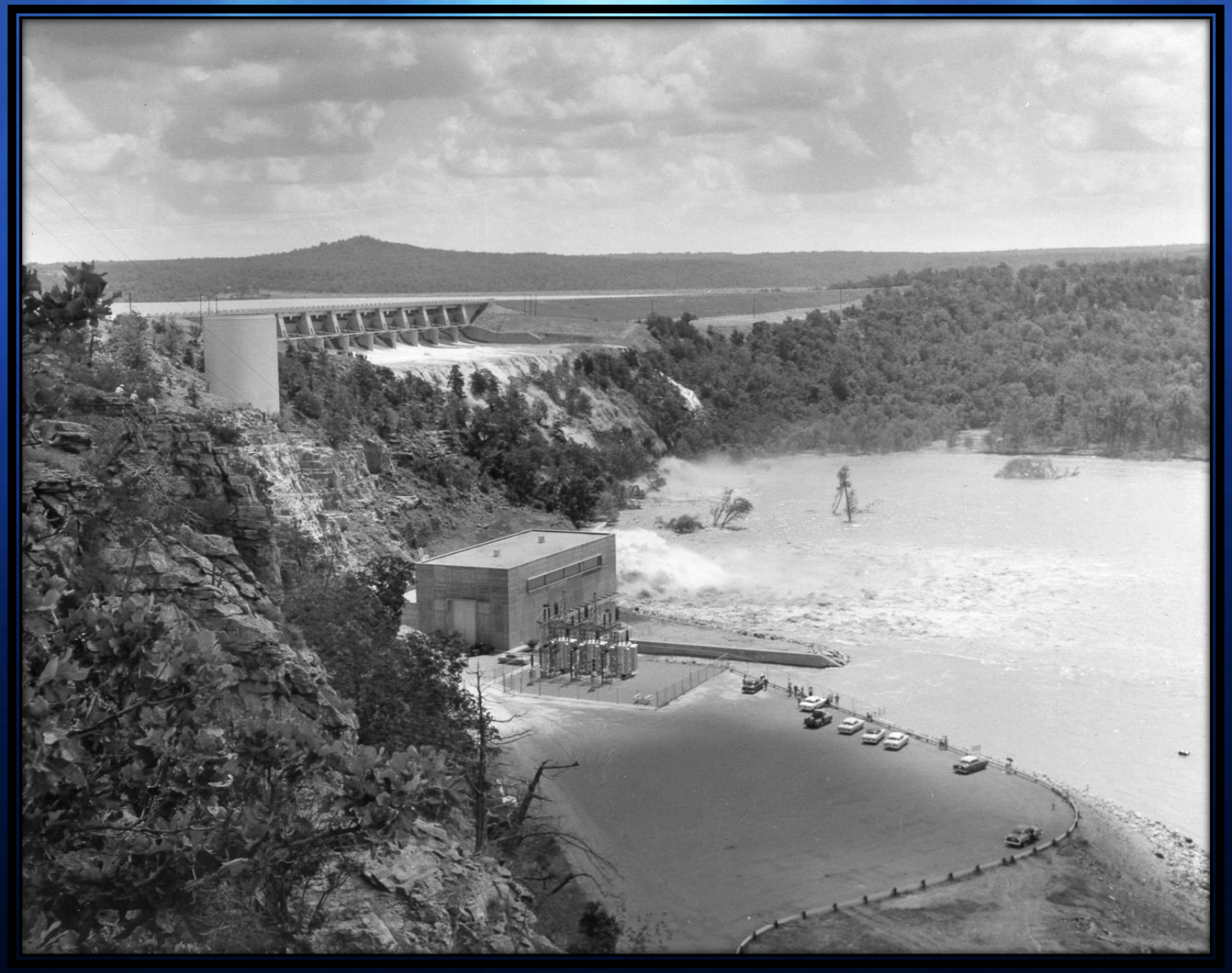
I·T·E
POWER
CIRCUIT
BREAKER
DIVISION

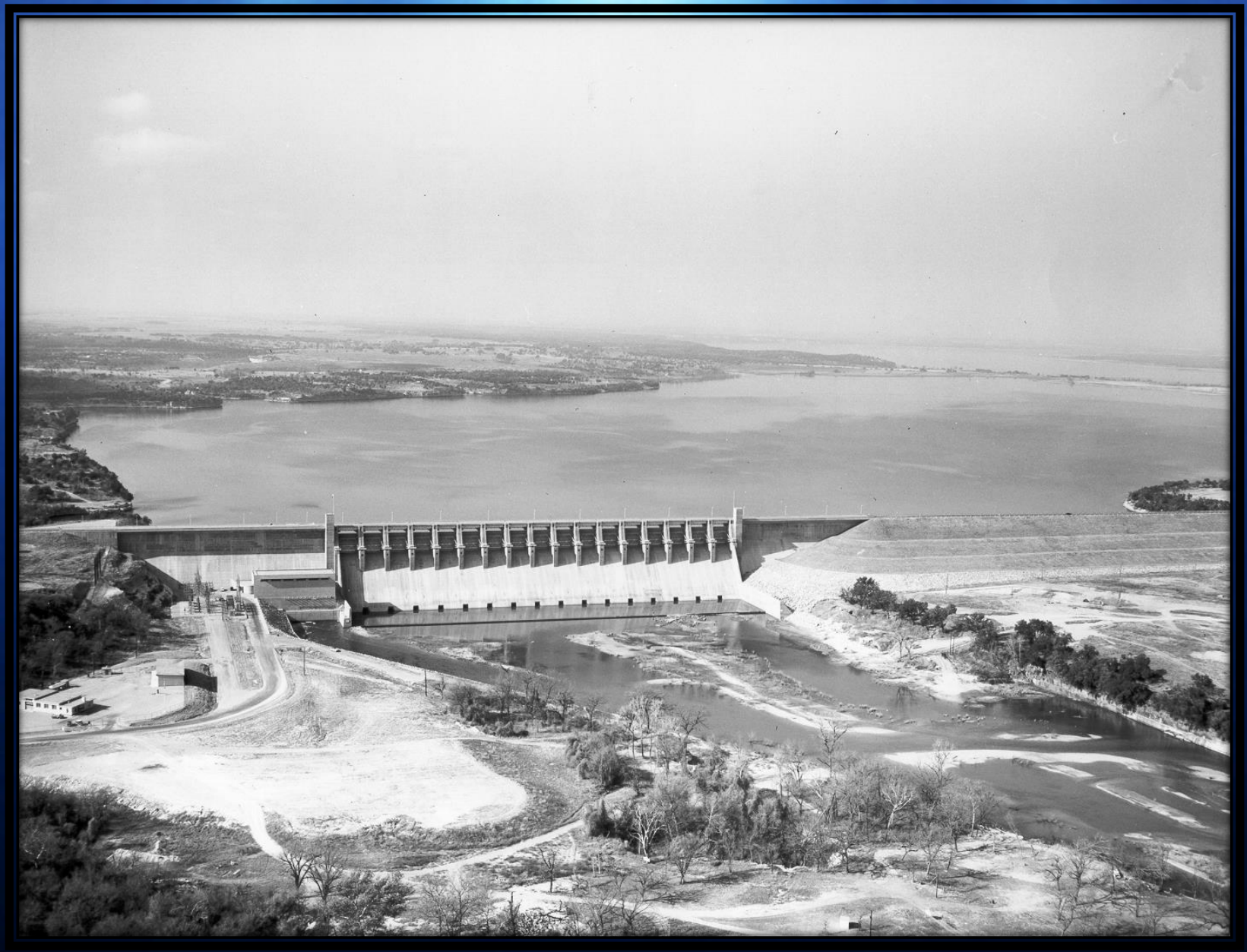

ORTH
END

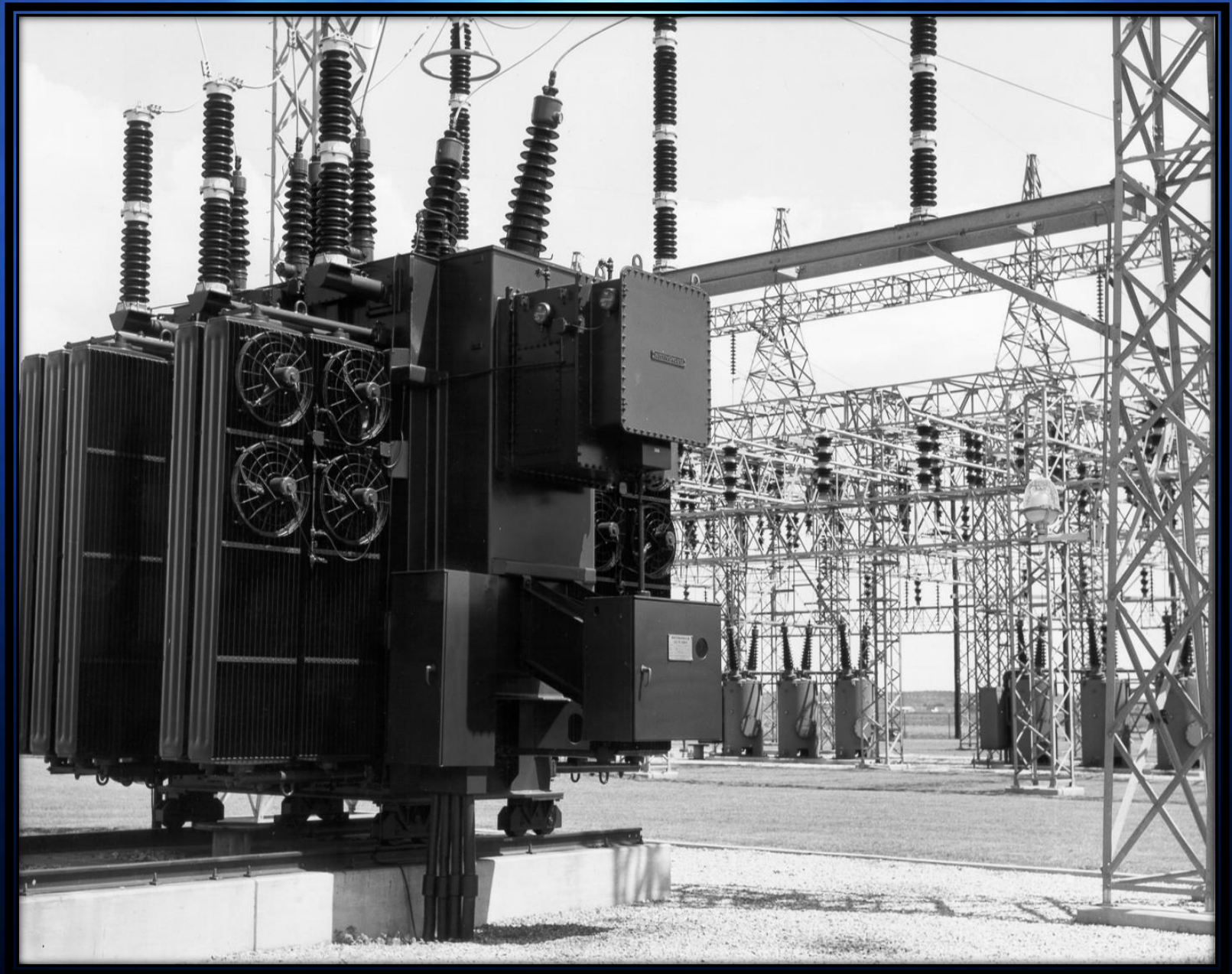

SOUTHWESTERN
POWER
ADMINISTRATION
U.S.
DEPARTMENT
OF
THE
INTERIOR

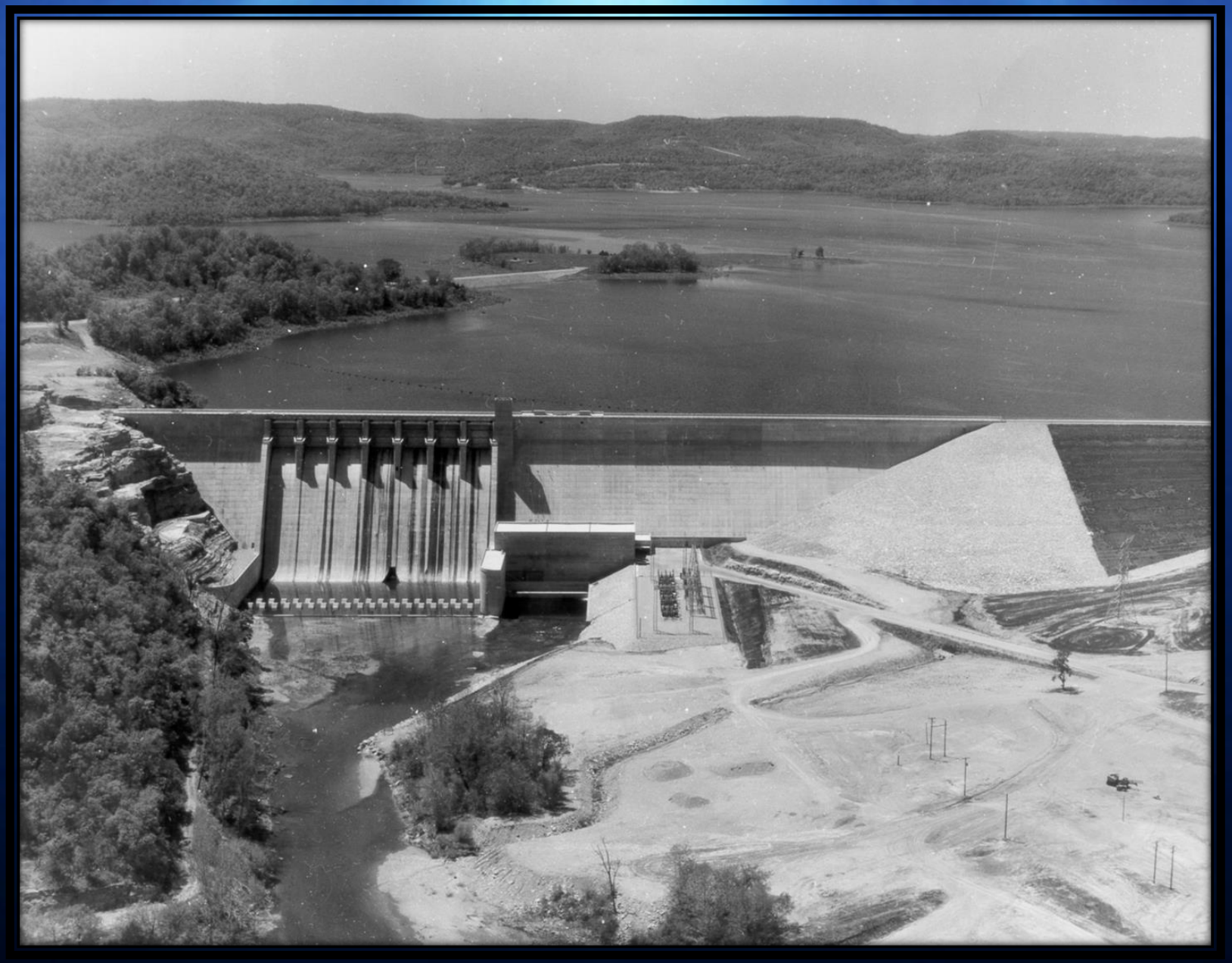

SAM
RAYBURN

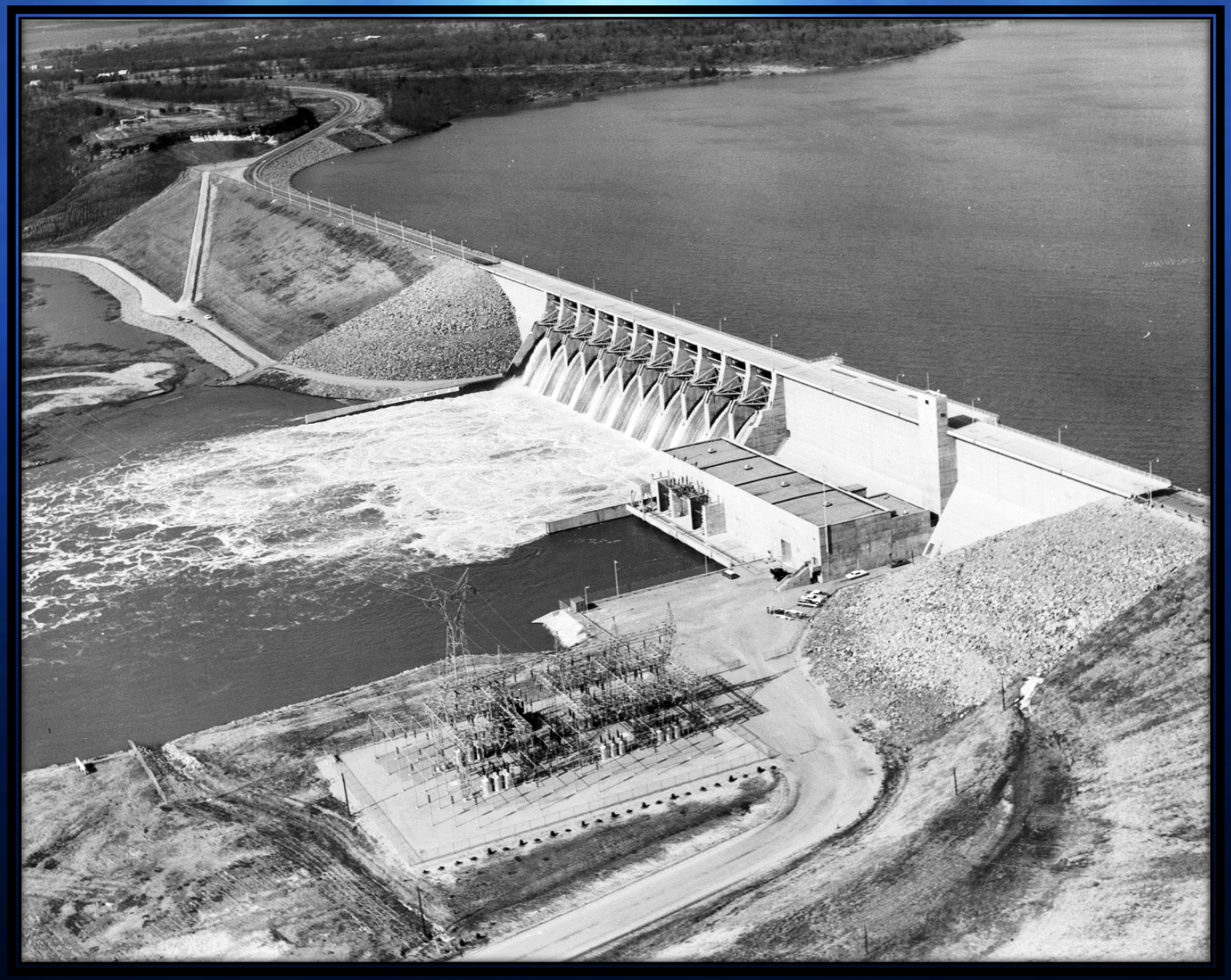


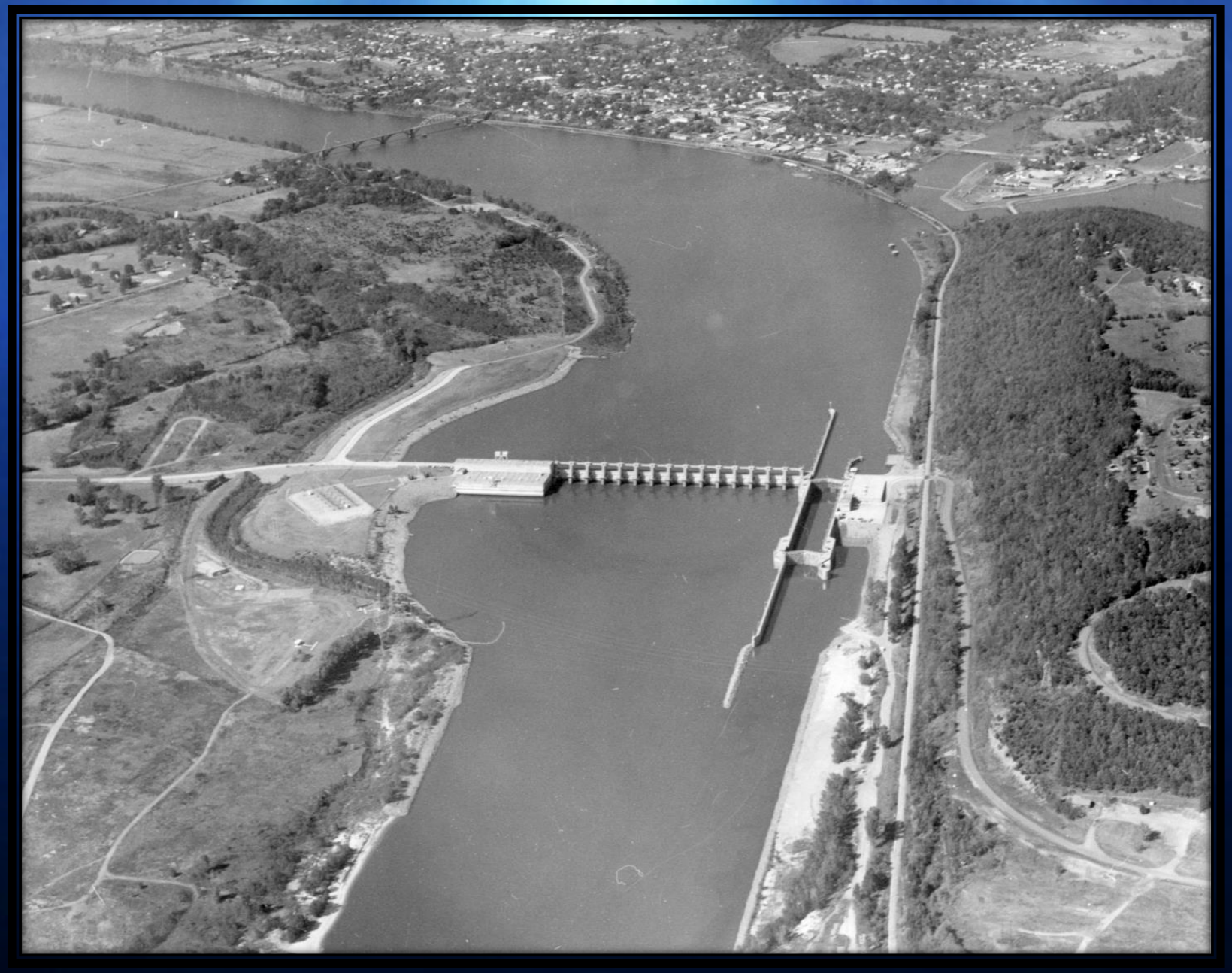


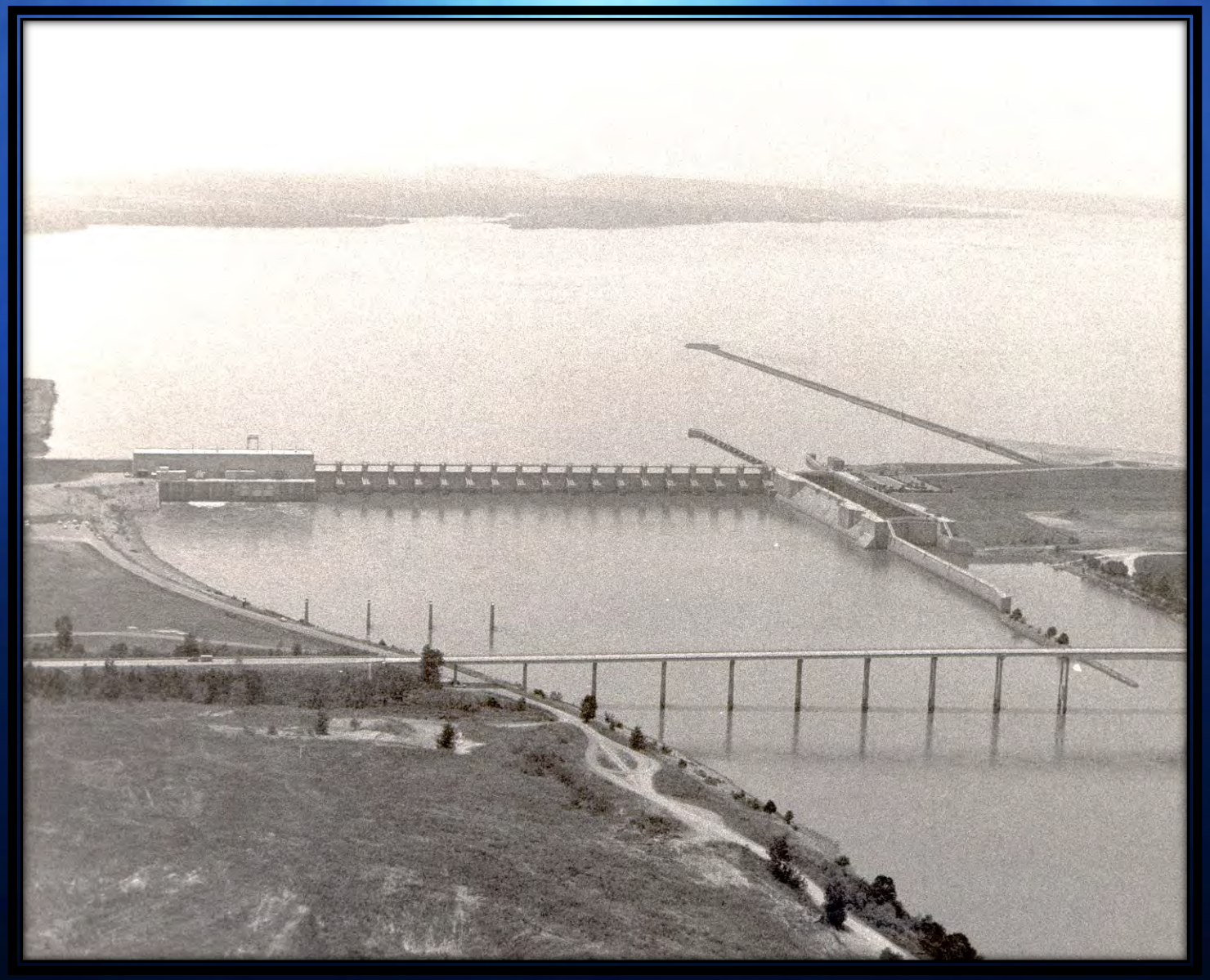


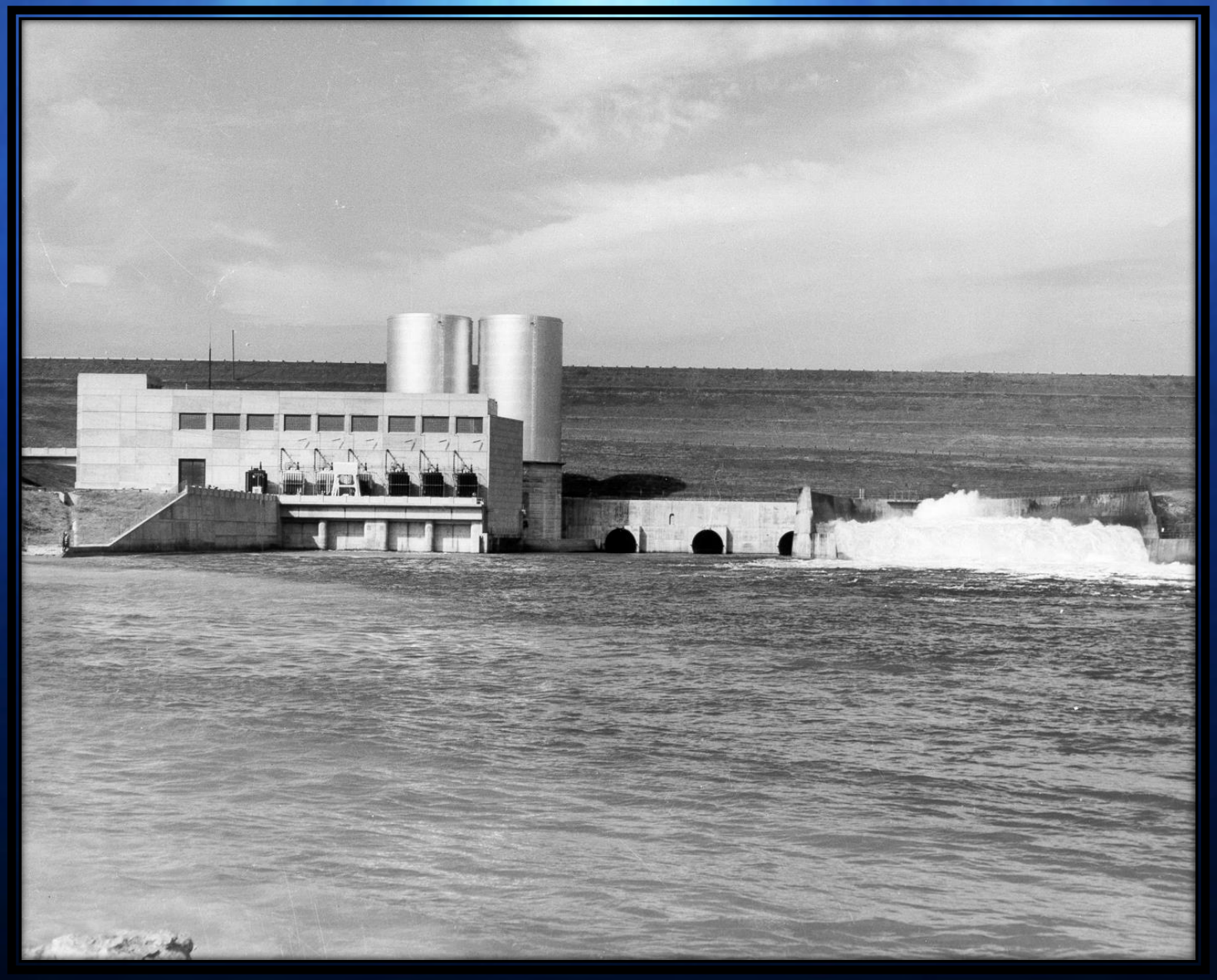


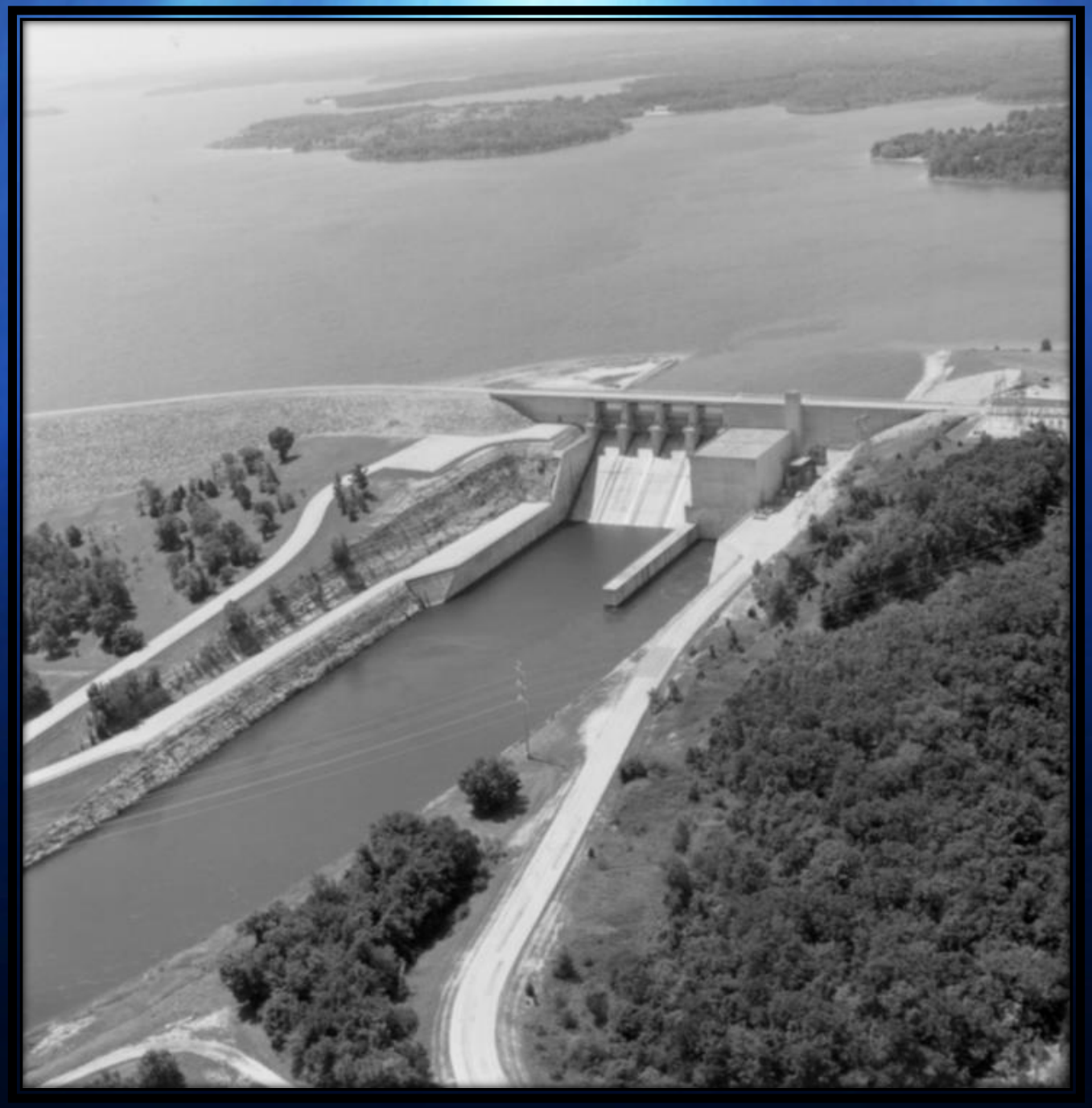


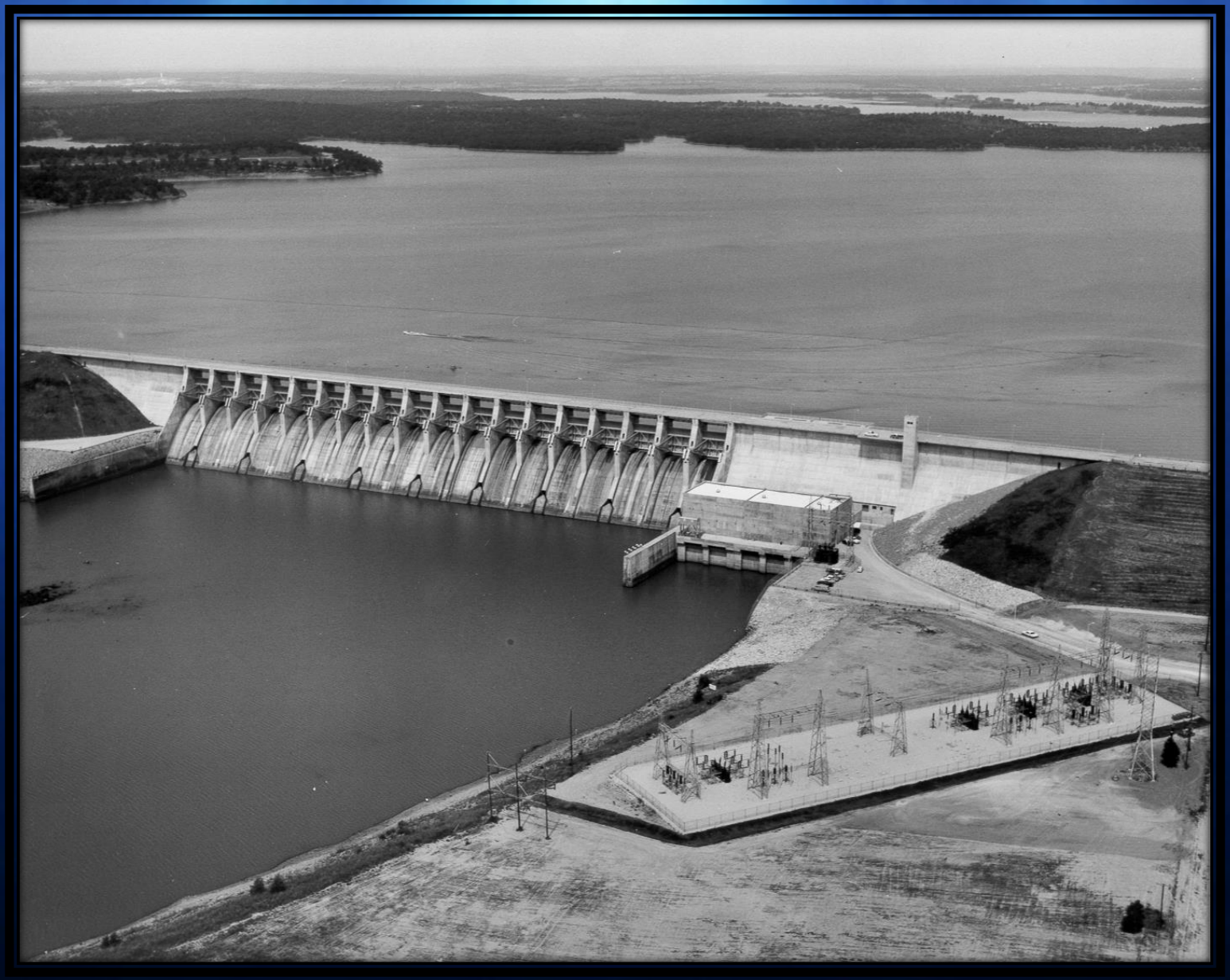


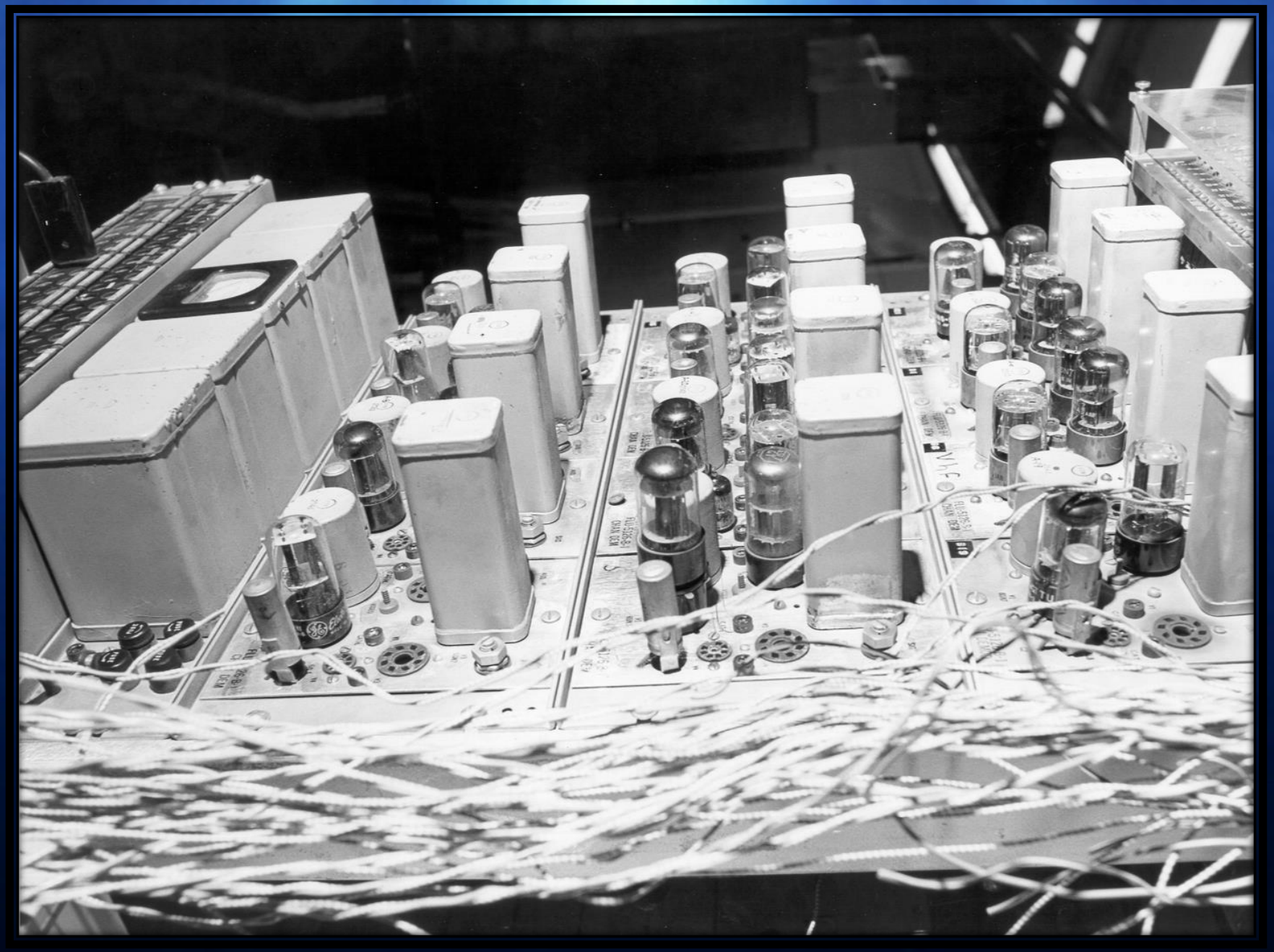


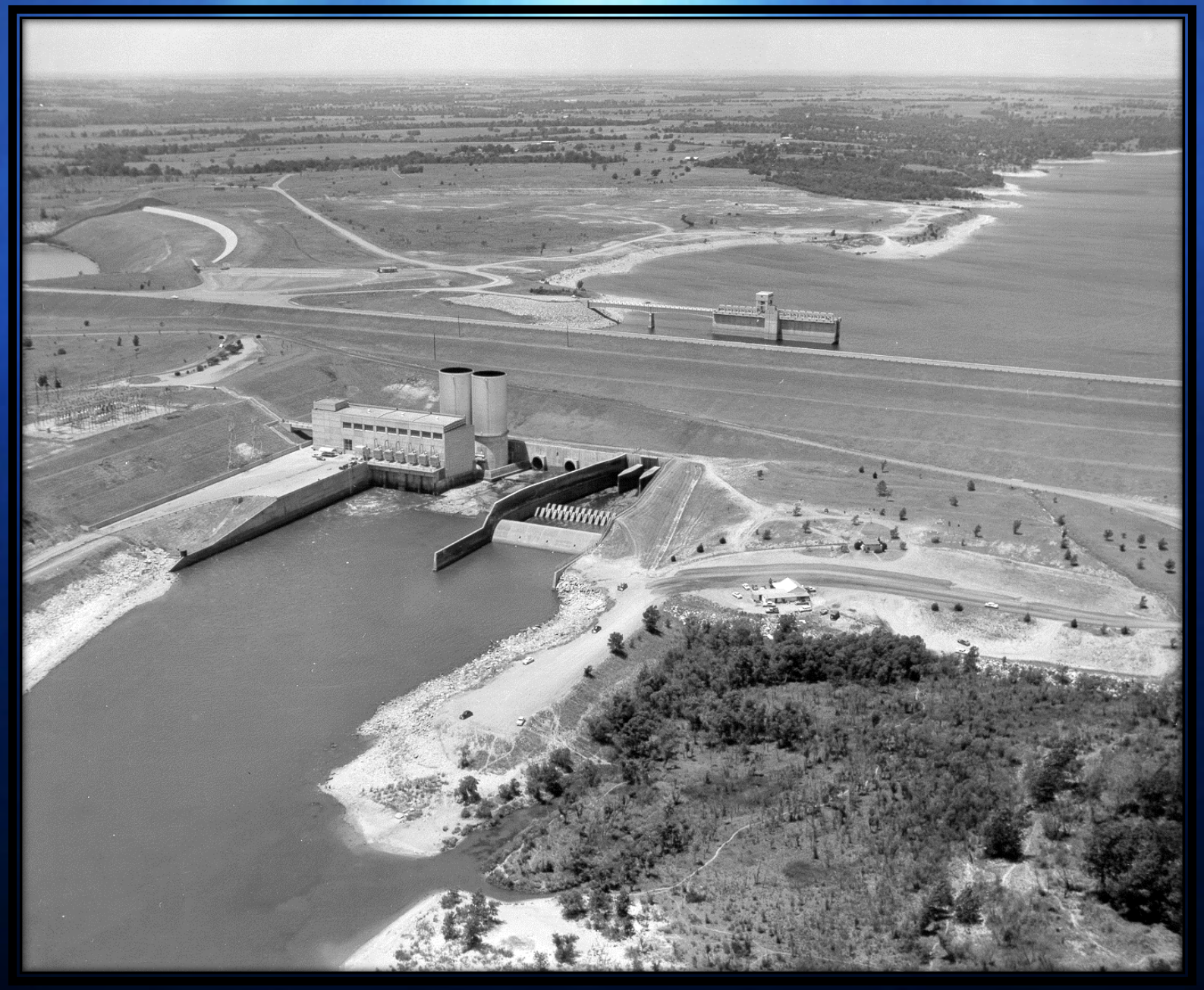






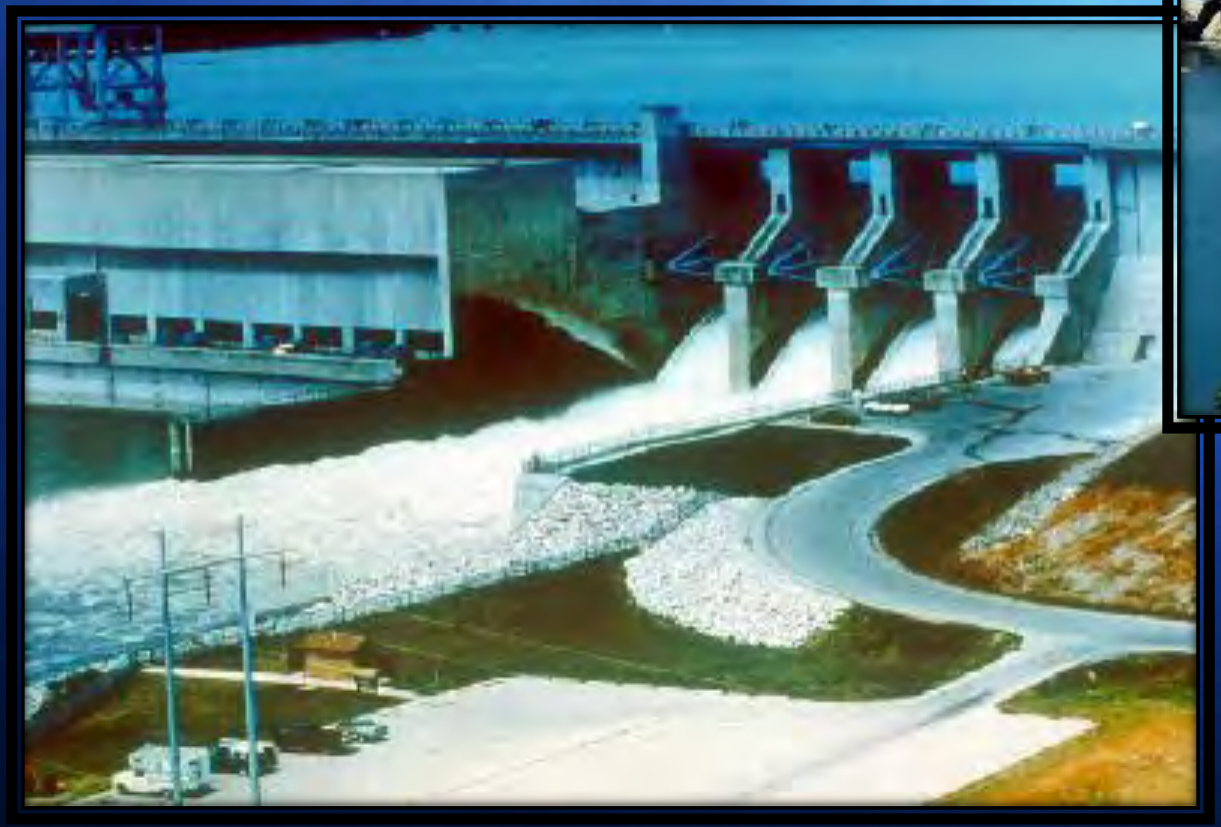


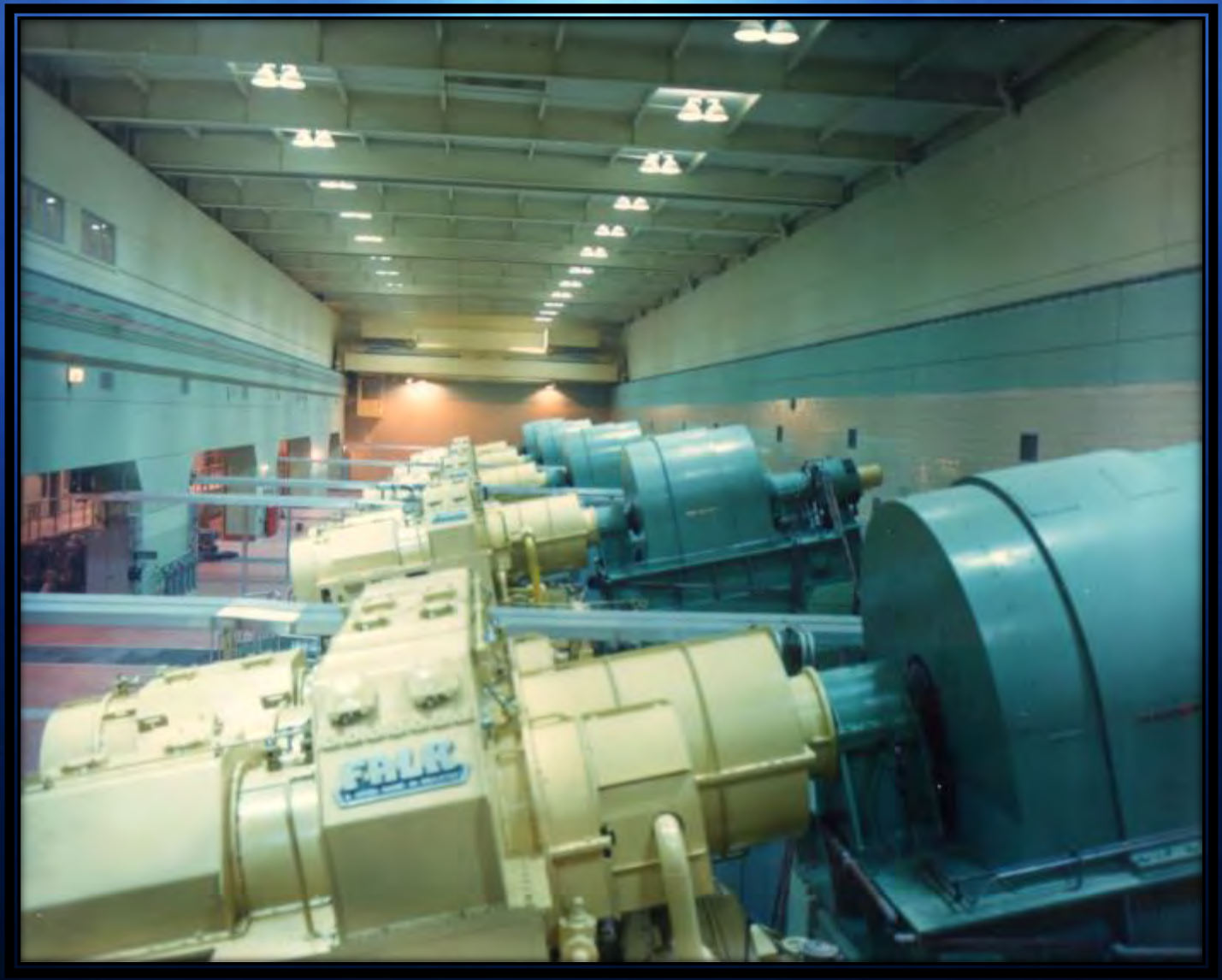




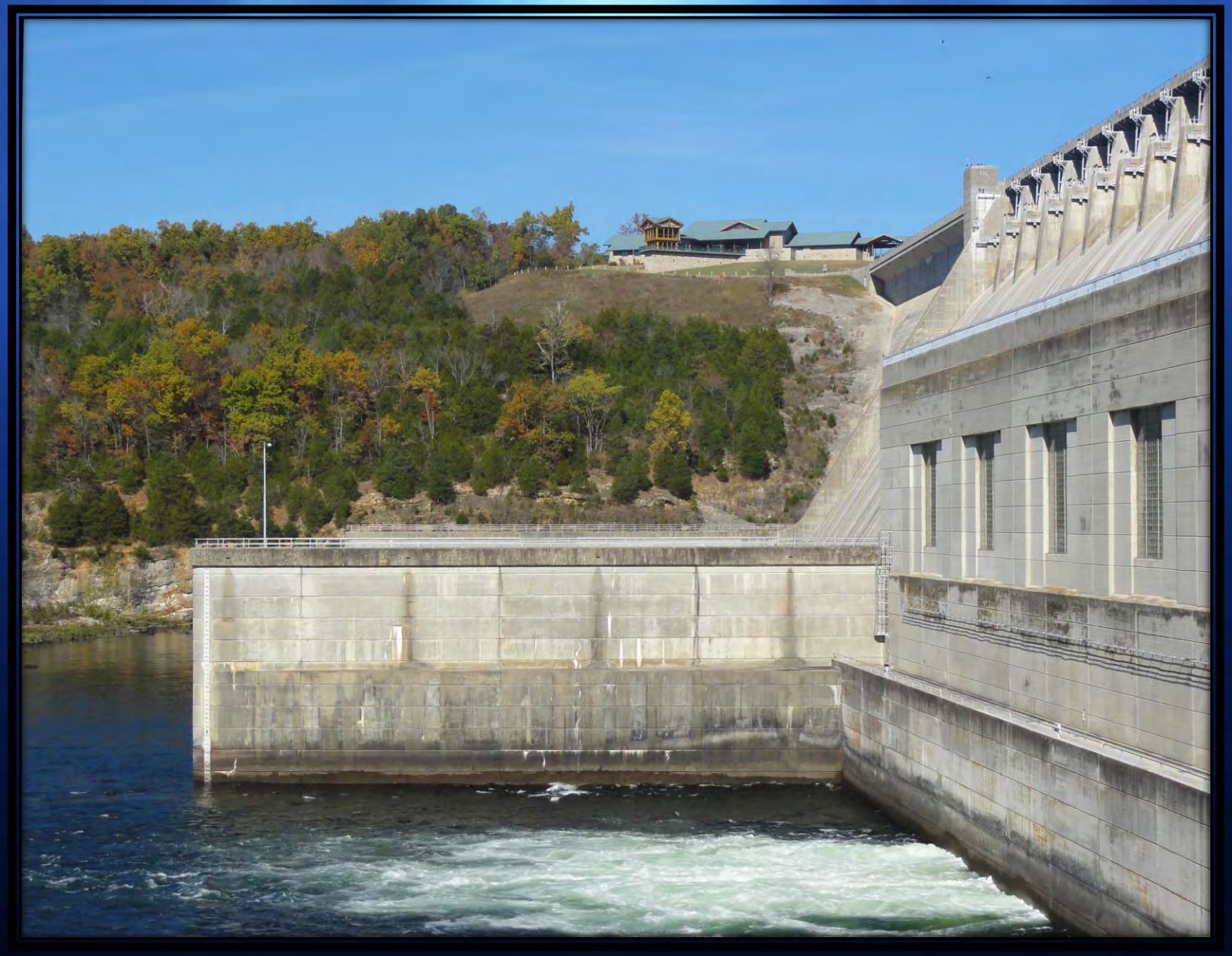
DEPARTMENT OF ENERGY

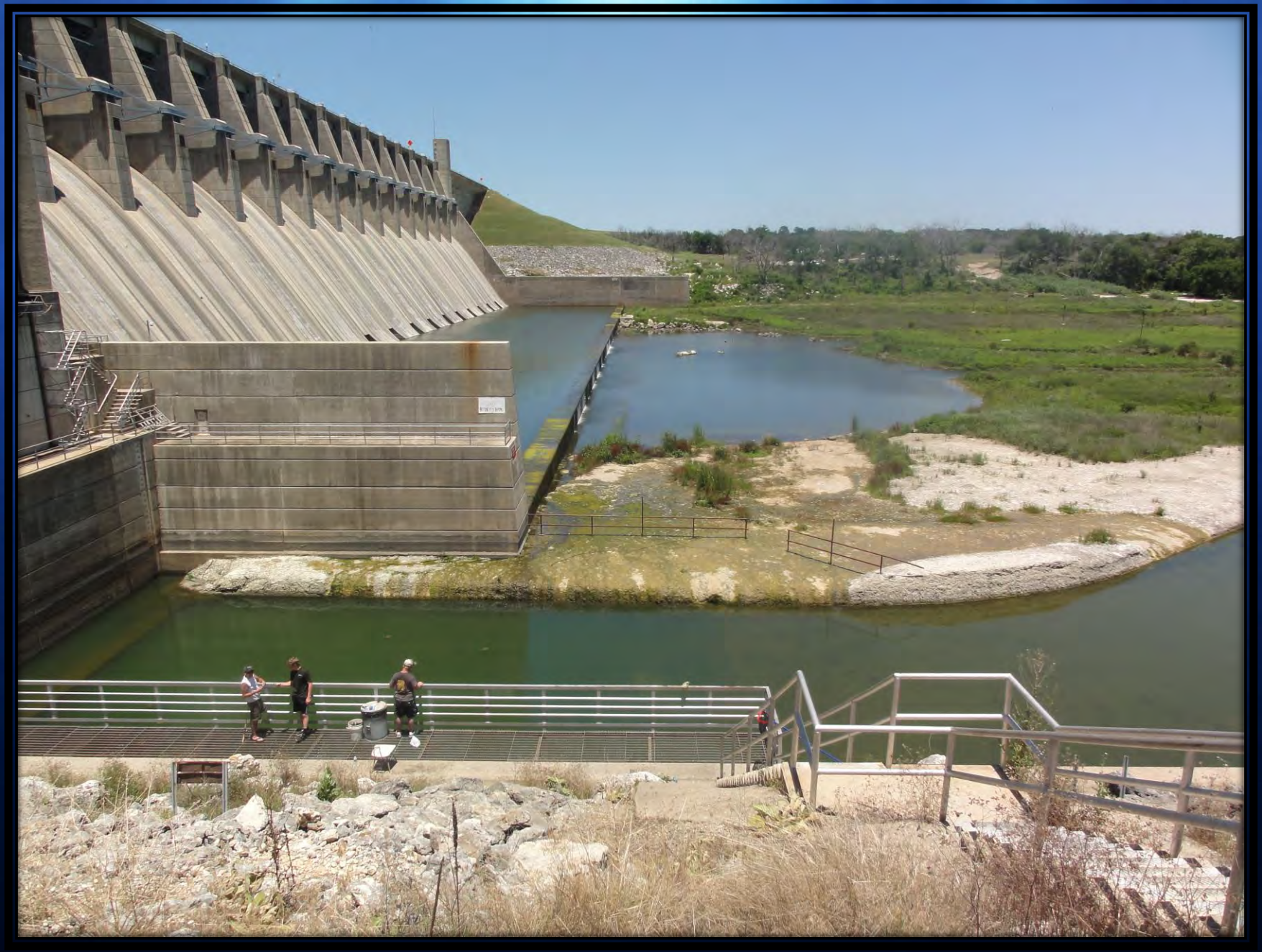
UNITED STATES OF AMERICA




FRUR

NORFORK DAM
161





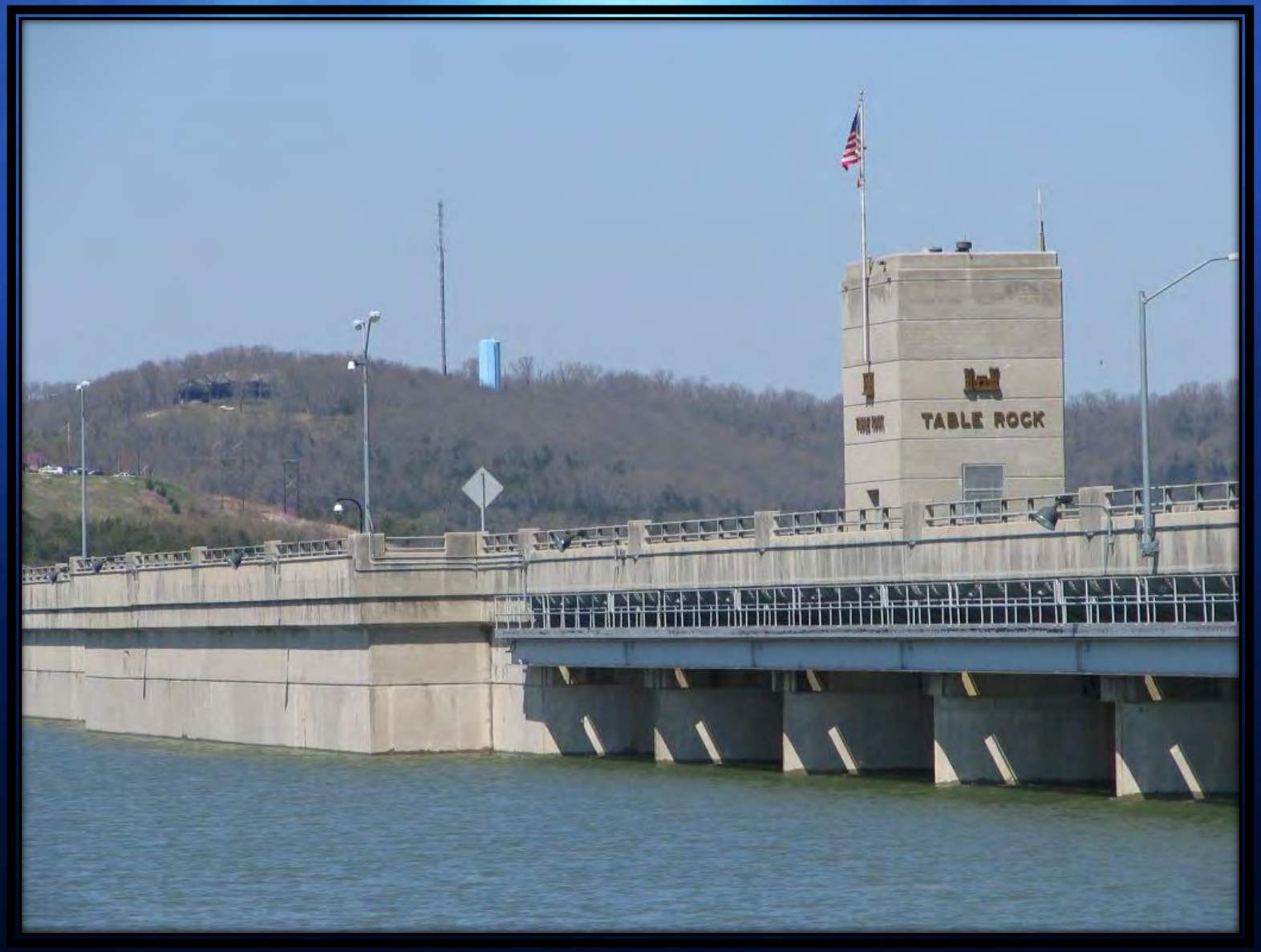
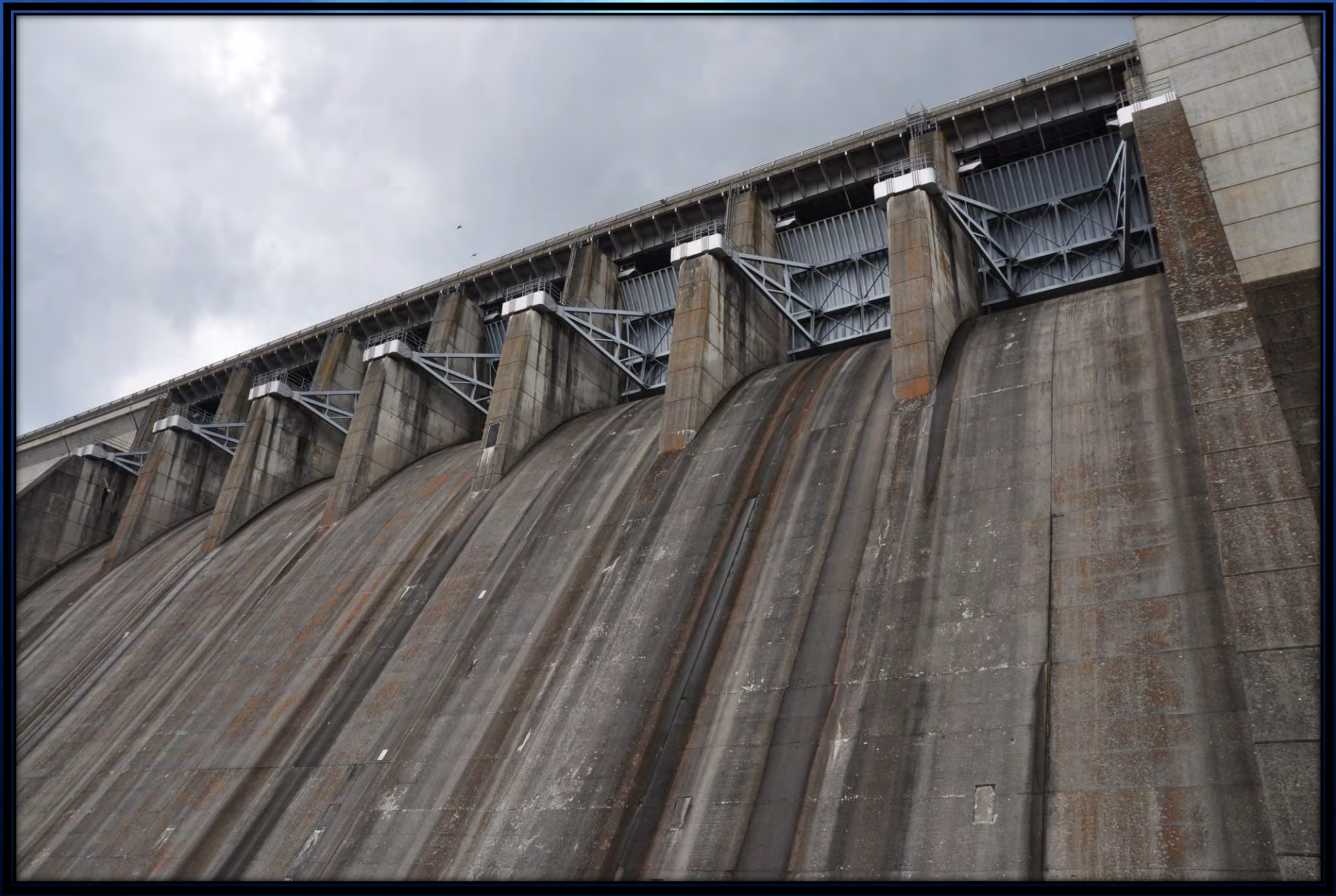
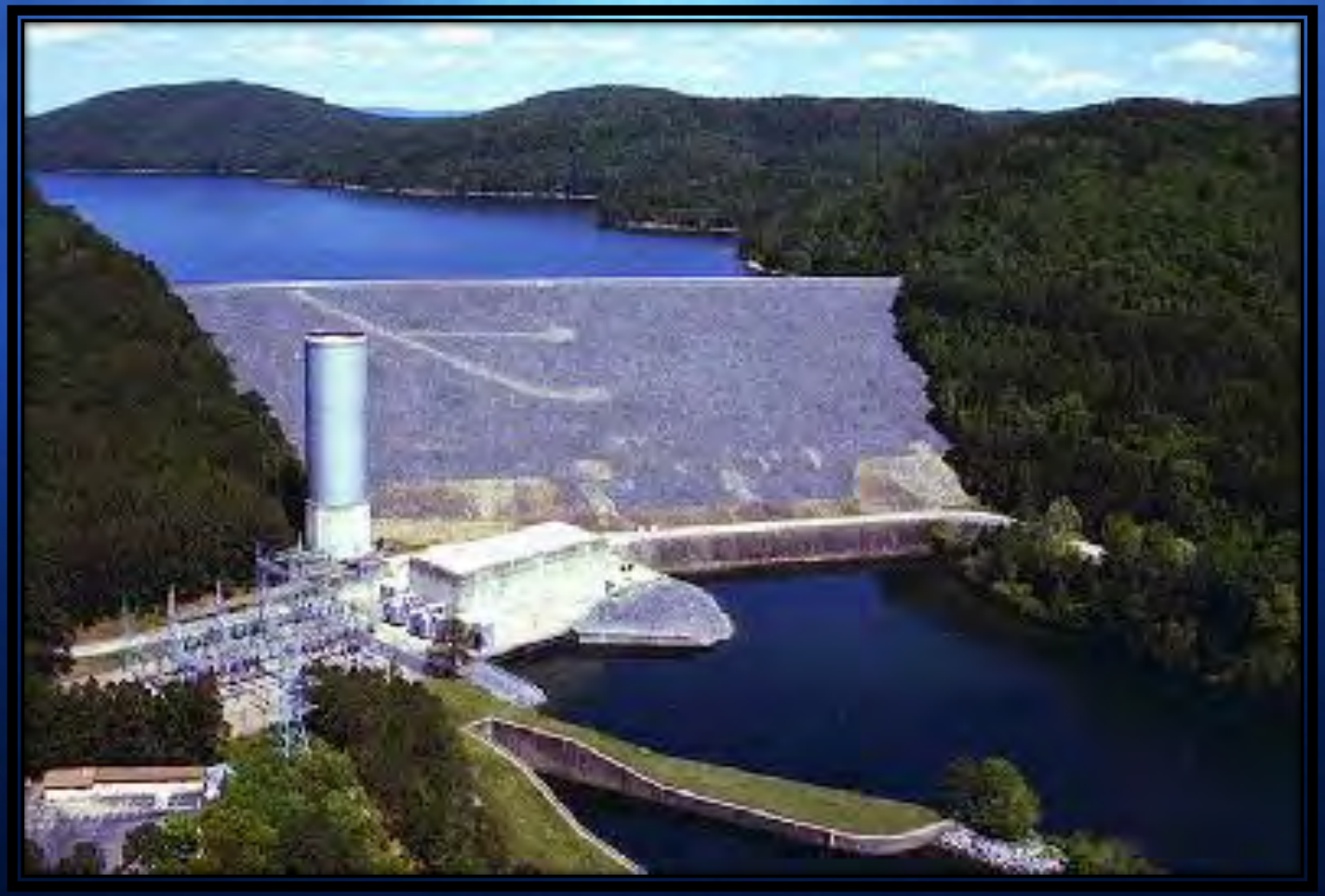
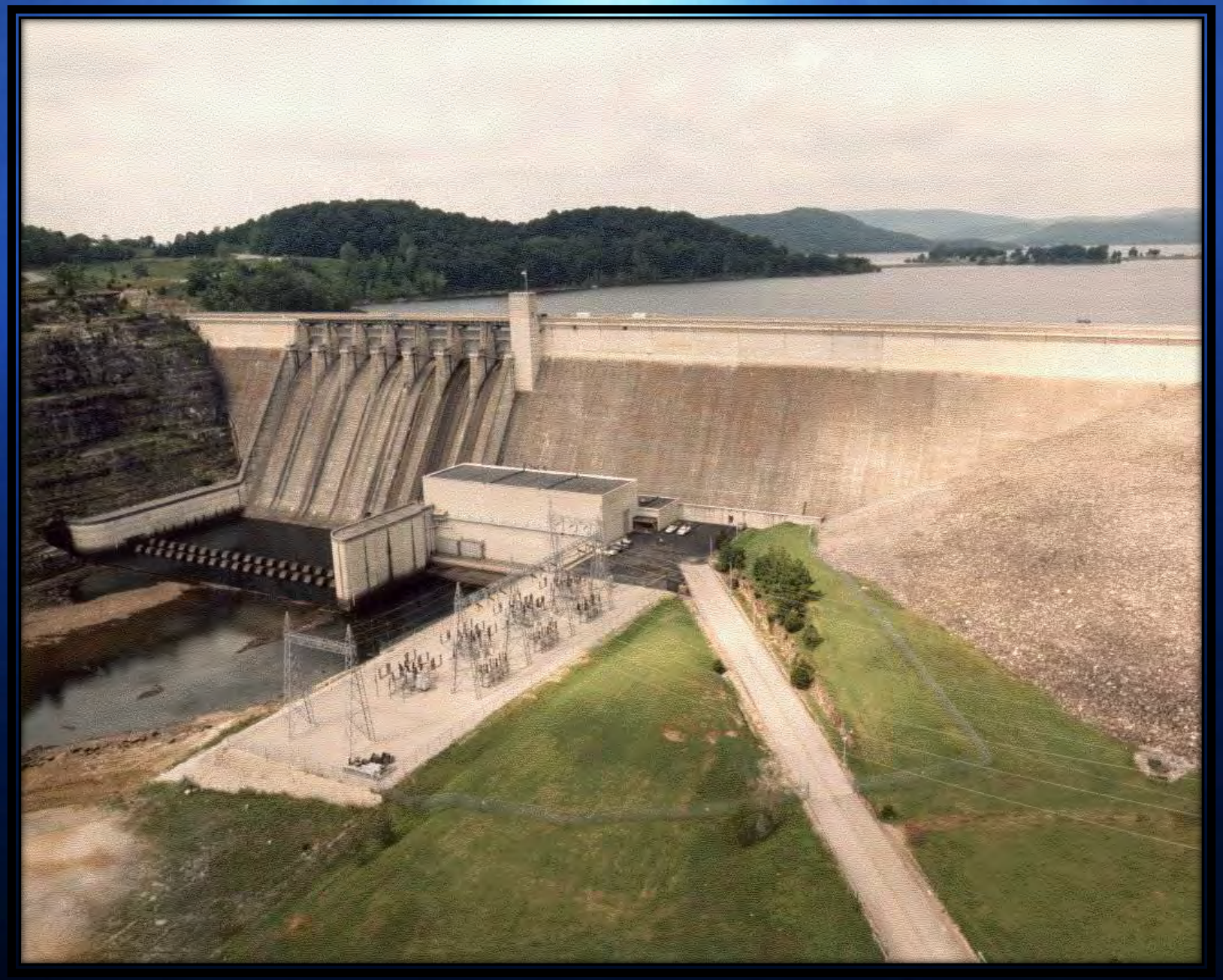


TABLE ROCK

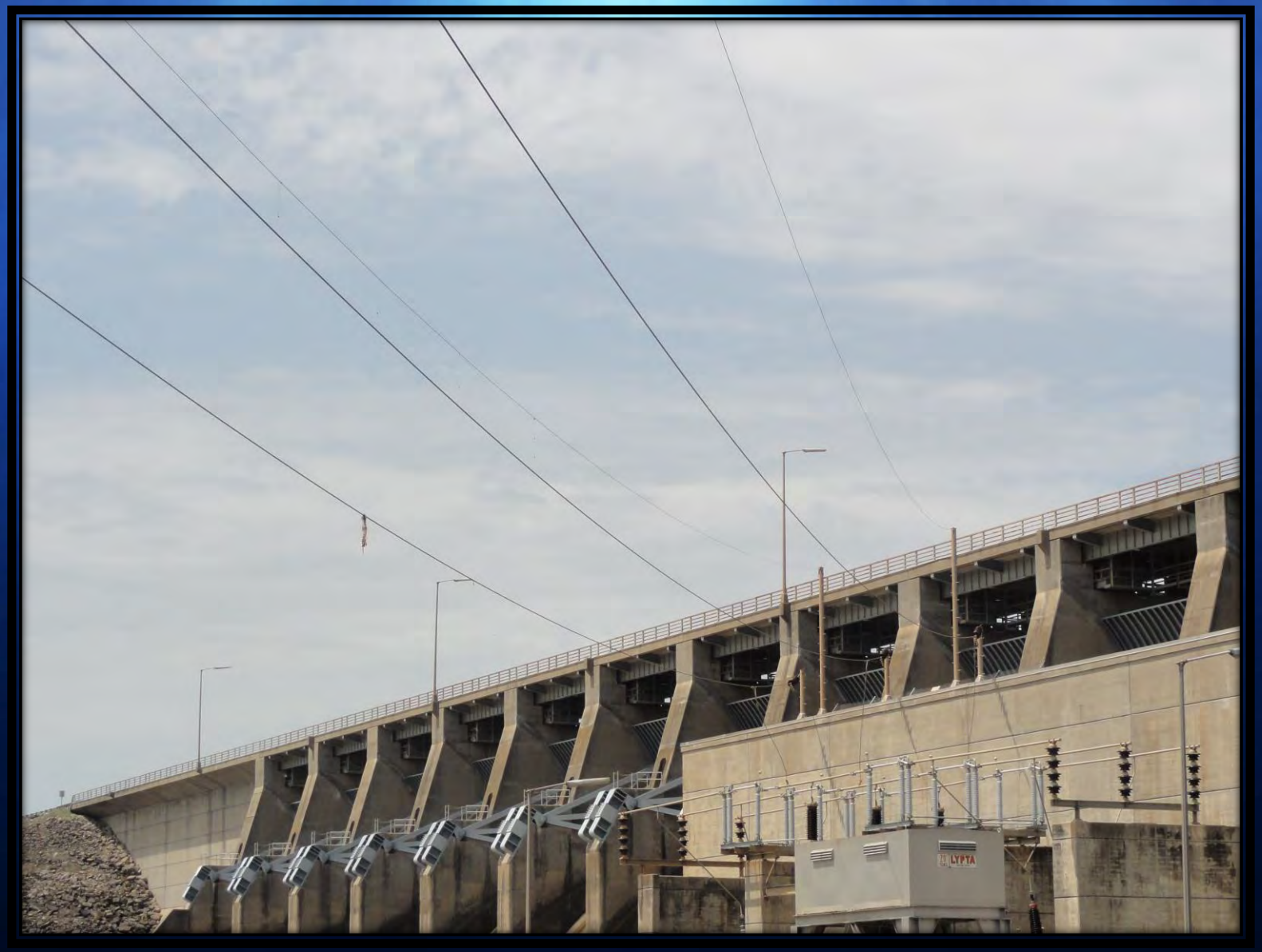


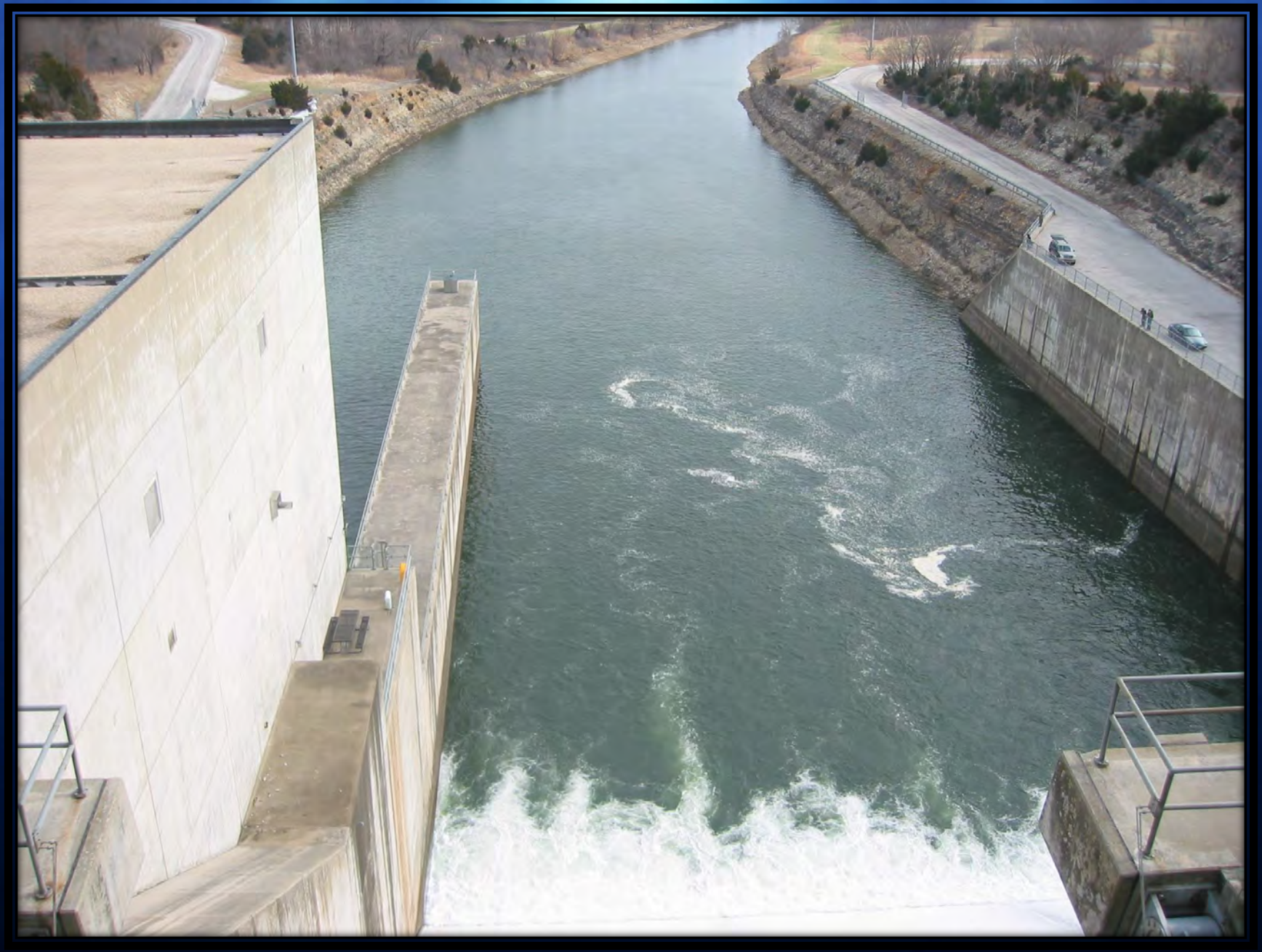
SAM
RAYBURN





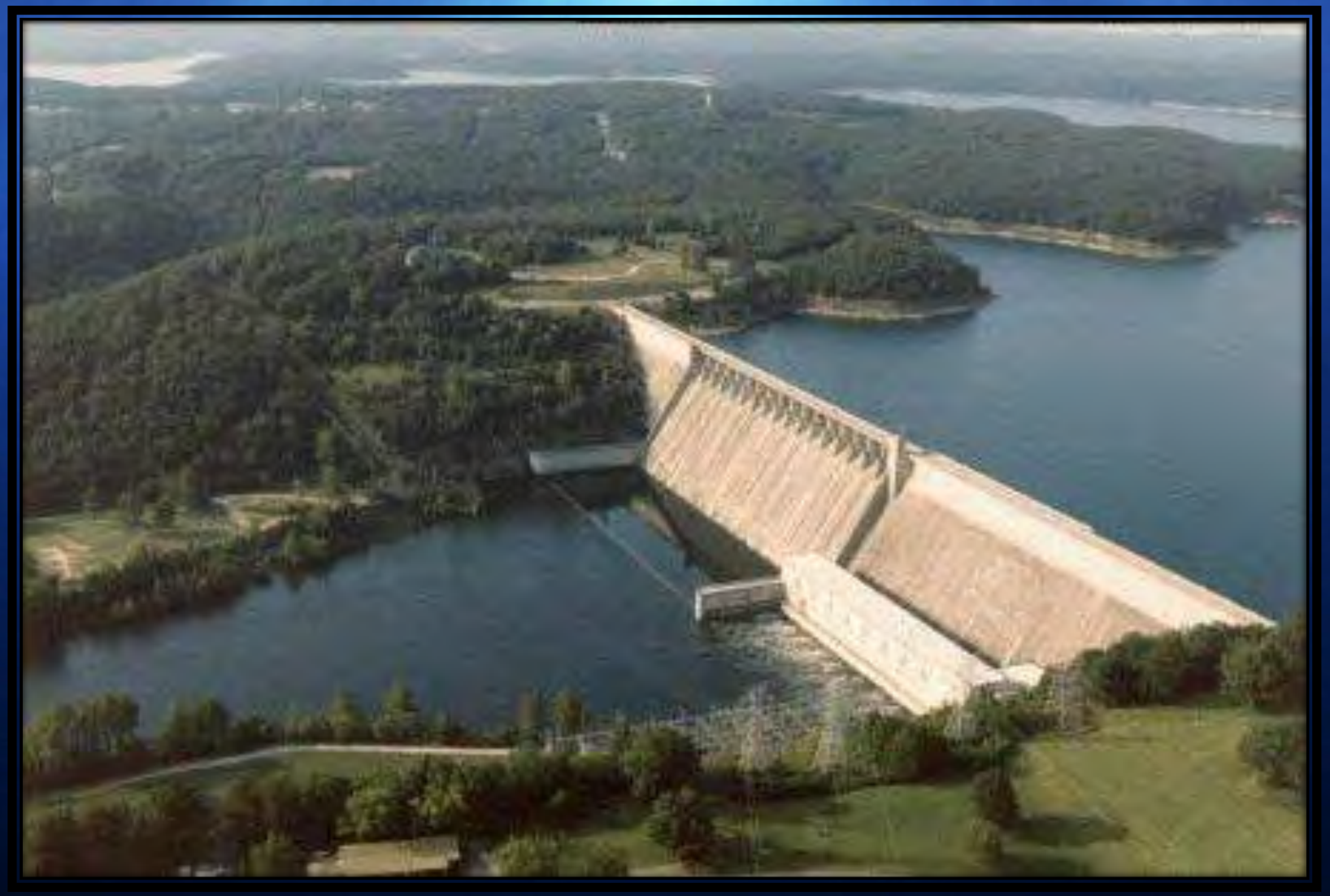
DARDANELLE
US ARMY
CORPS OF ENGINEERS
NO PARKING
PLEASE

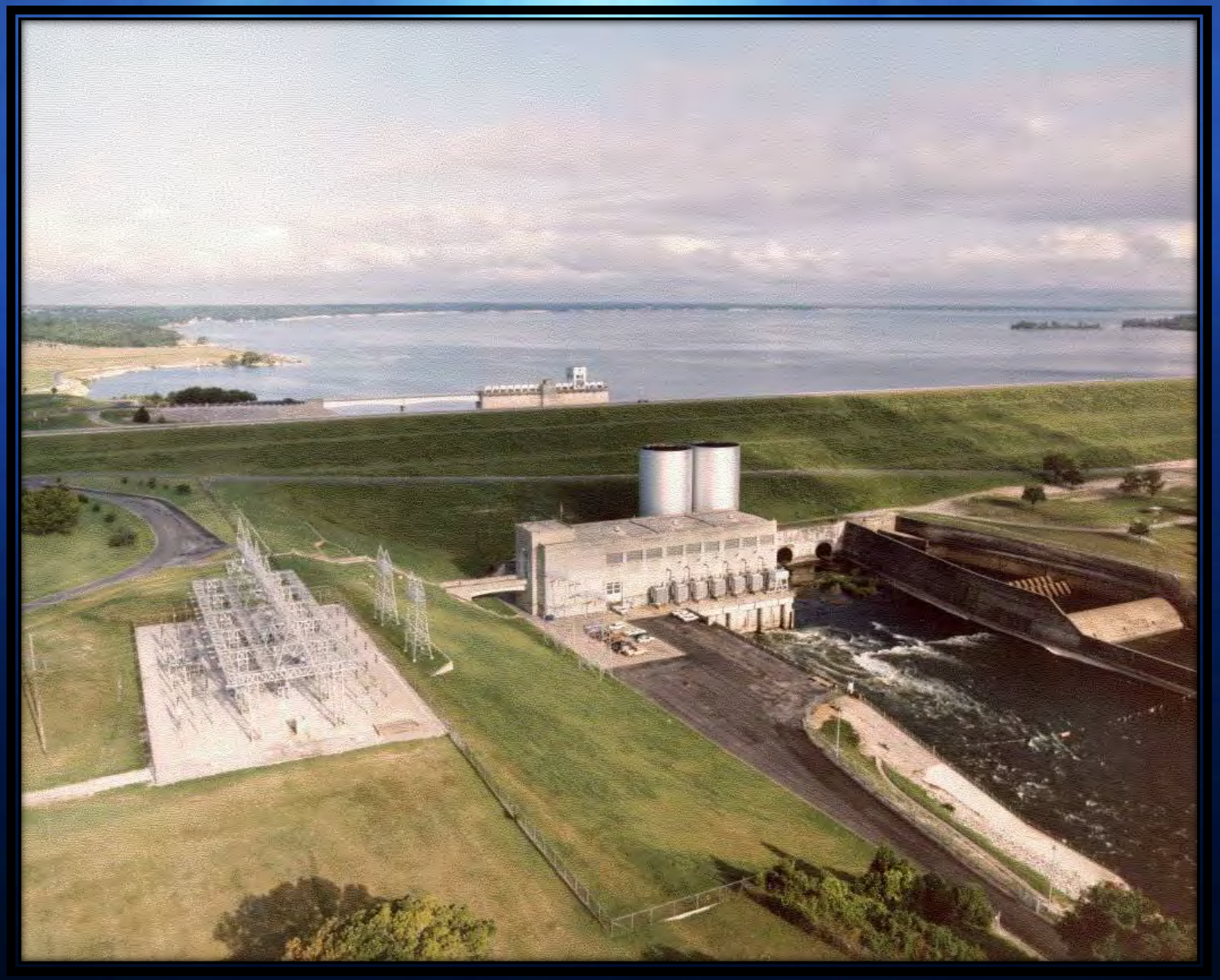

LYPTA



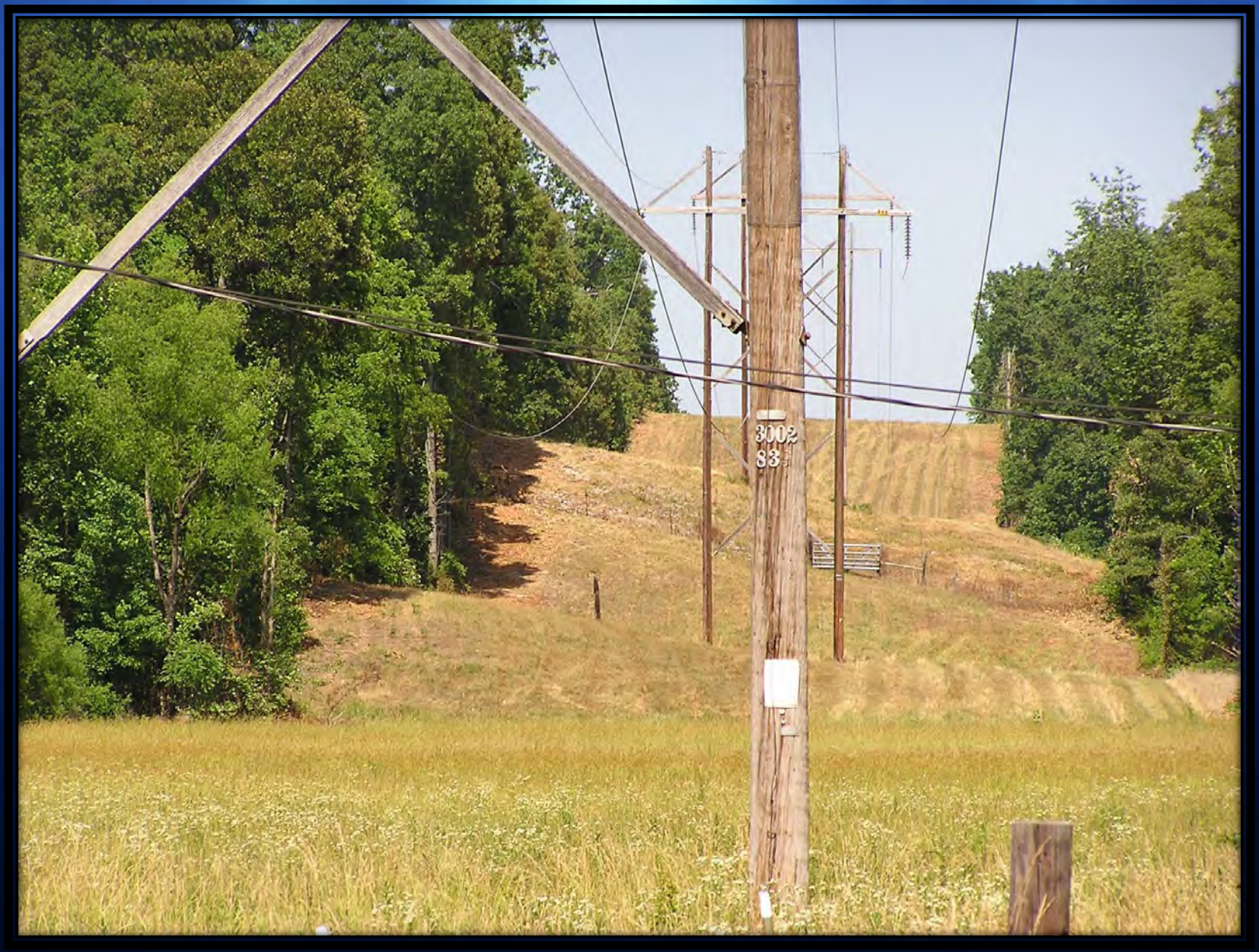
DE GRAY

WEBBERS
FALLS
U S ARMY
CORPS OF ENGINEERS
CHEVROLET





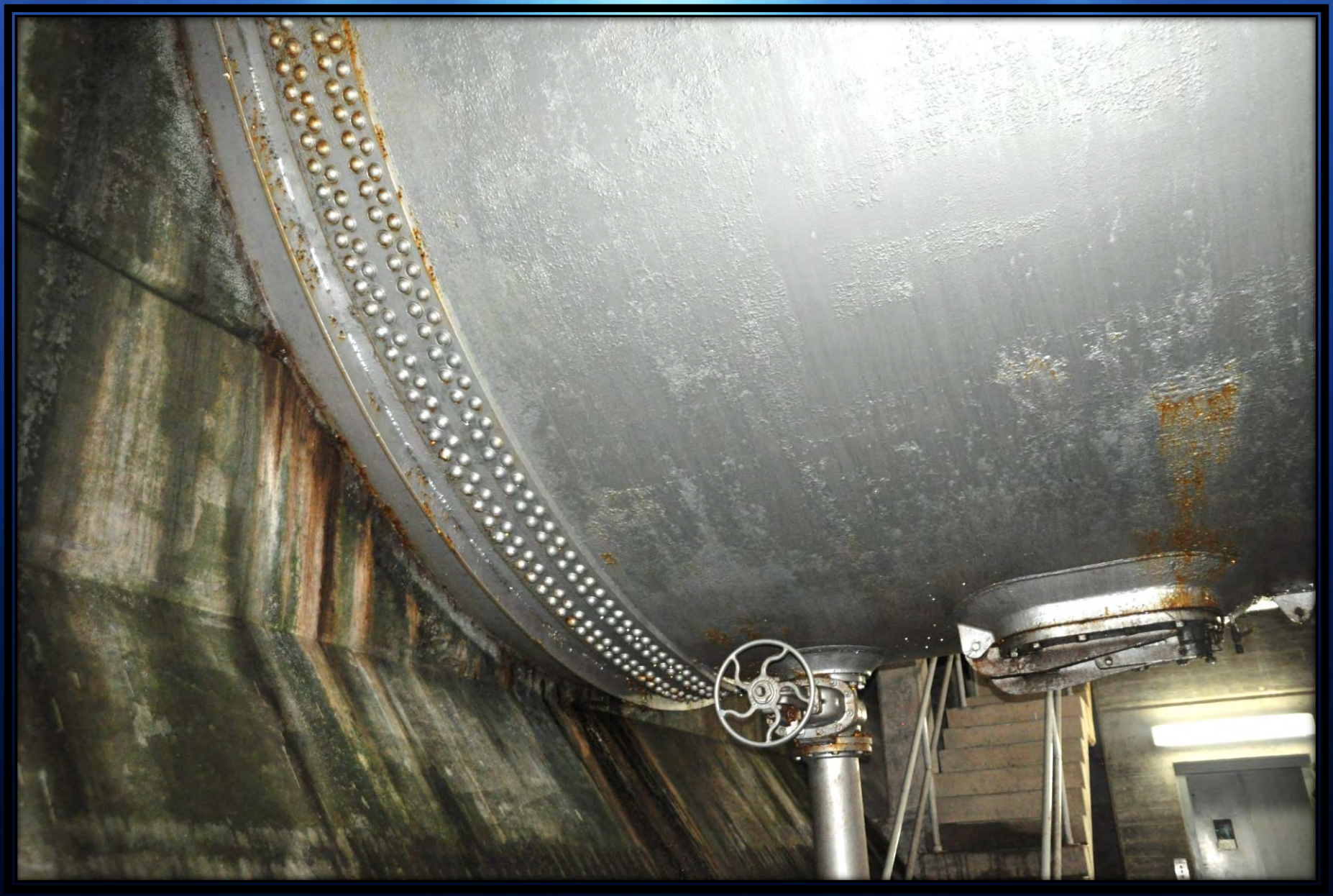
Western Farmers Electric
WESTERN FARMERS
ELECTRIC
COOPERATIVE
WFEC


3002
83

6010
TADANO
MANTIS
CRANES

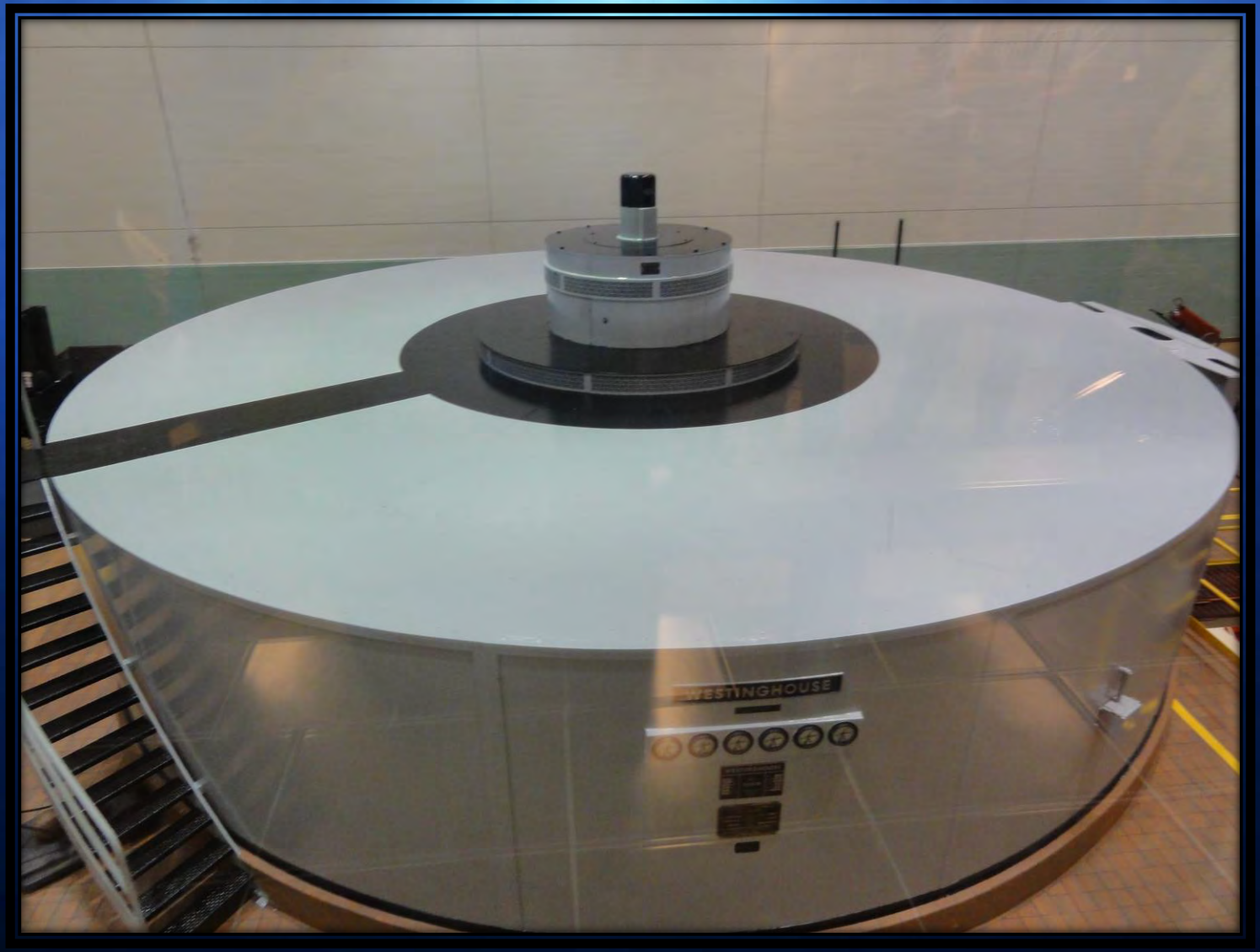
POSTED

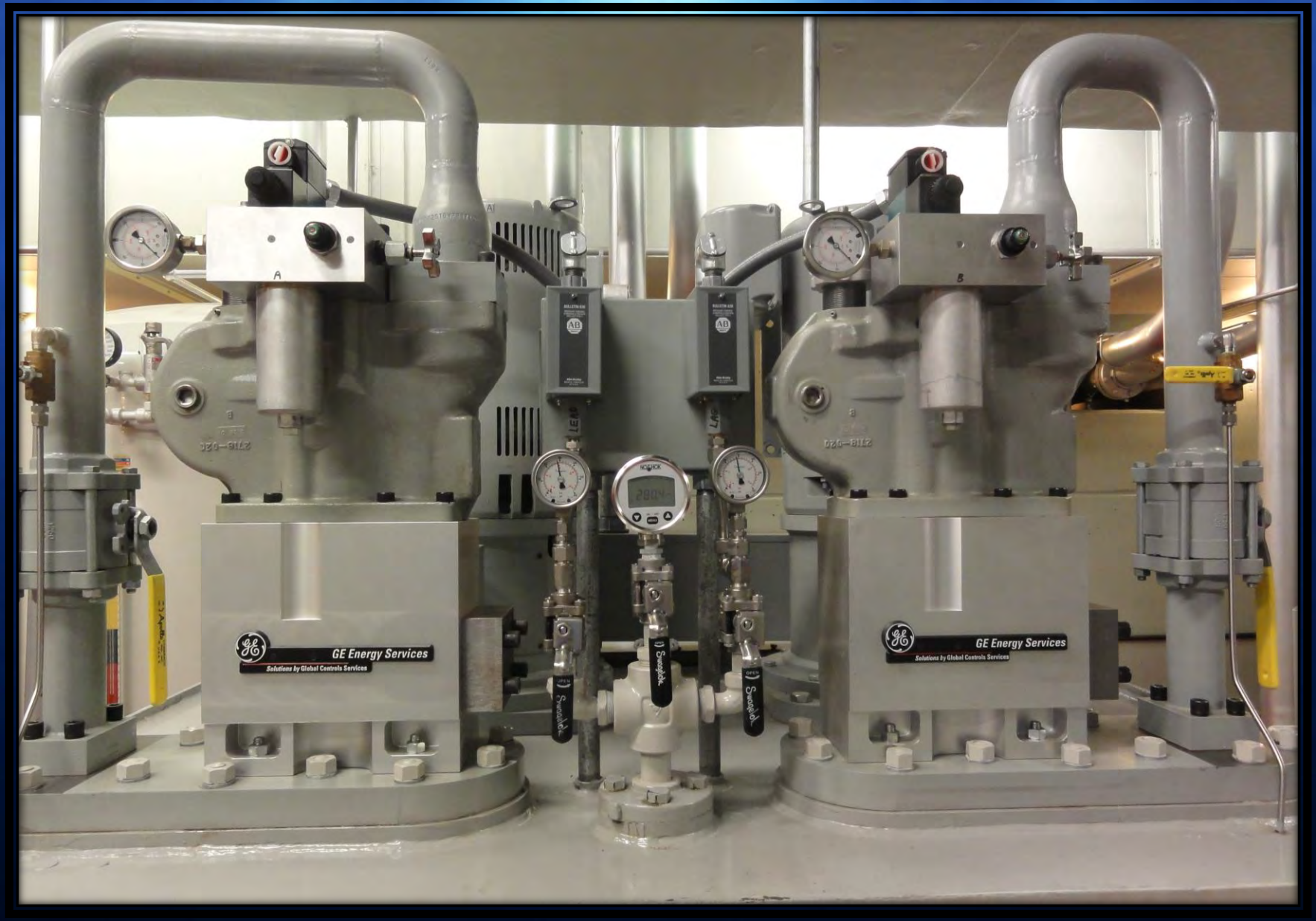
1
2
P&H
Westinghouse



WESTINGHOUSE
KVA.
VOLTS
AMPERES
% P.F.
PHASE
CYCLES
A.C.
GENERATOR
WESTINGHOUSE ELECTRIC
CORPORATION
MADE IN U.S.A.
R.P.M.
EXC. AMPS
EXC. VOLTS
°C. TEMP. RISE
INSTR. BOOK
SERIAL
HYDRAULIC TURBINE
UNIT Nº 1
FRANCIS TYPE
SERIAL Nº 235
INSTALLED 1963
77400 H.P.
164. FT. HD.
105.9 R.P.M.
NEWPORT NEWS
SHIPBUILDING AND DRY DOCK CO.

PELTON
PELTON
HYDRAULIC TURBINE
PELTON DIVISION
BALDWIN-LIMA-HAMILTON CORP.
SAN FRANCISCO, CALIF., U.S.A.


WESTINGHOUSE

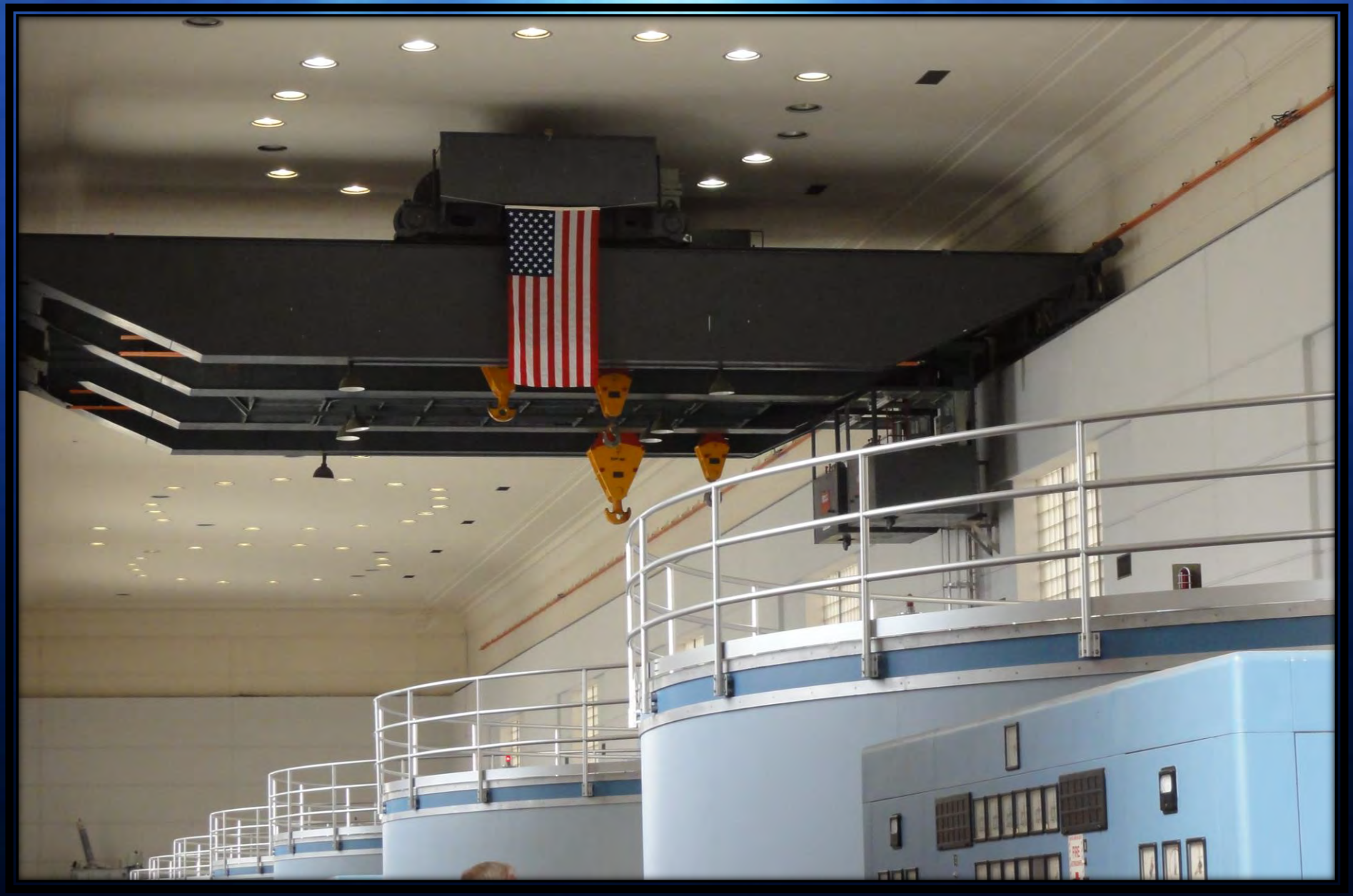

GE Energy Services
Solutions by Global Controls Services
GE Energy Services
Solutions by Global Controls Services

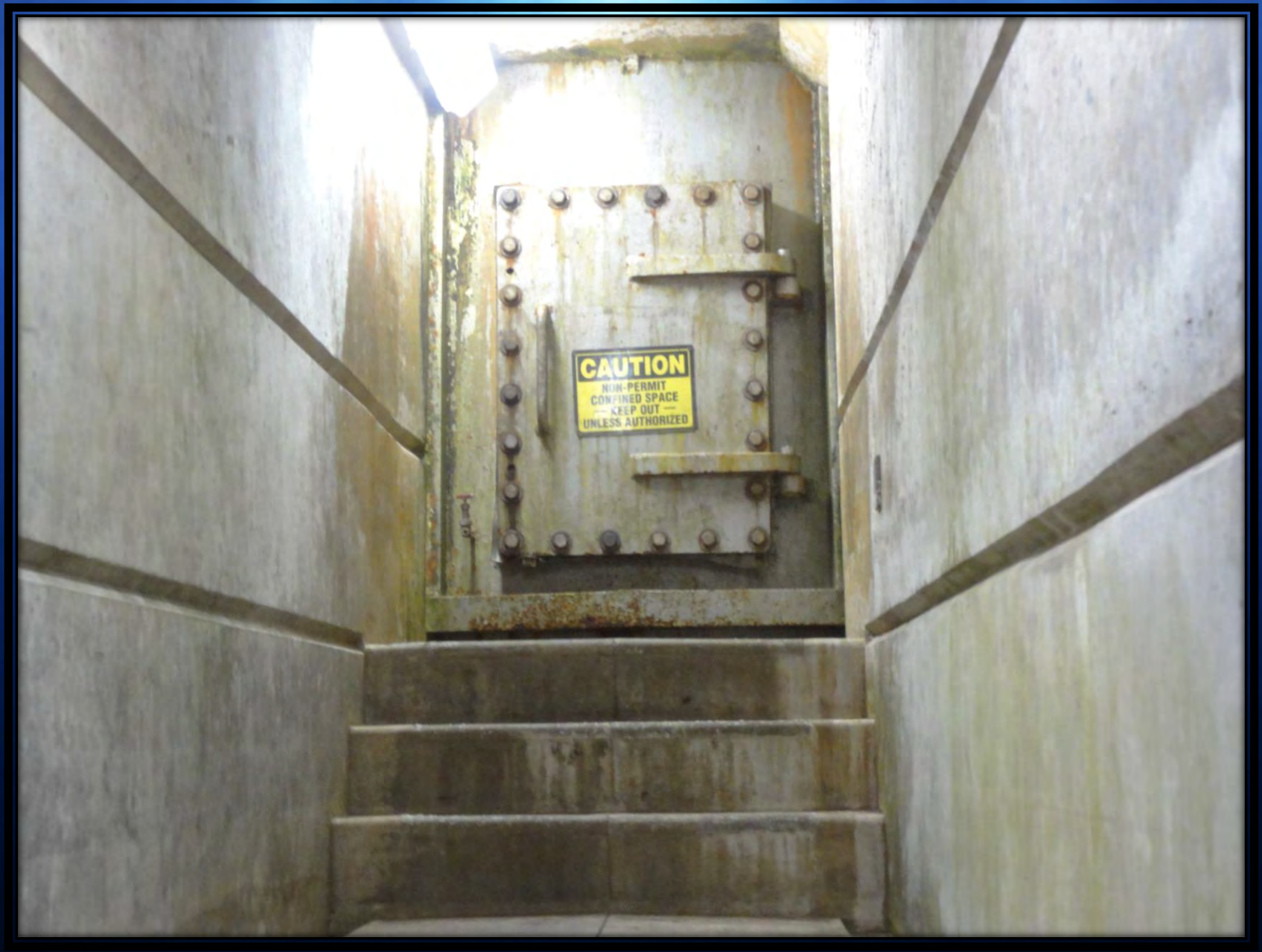
BLAKELY
MOUNTAIN

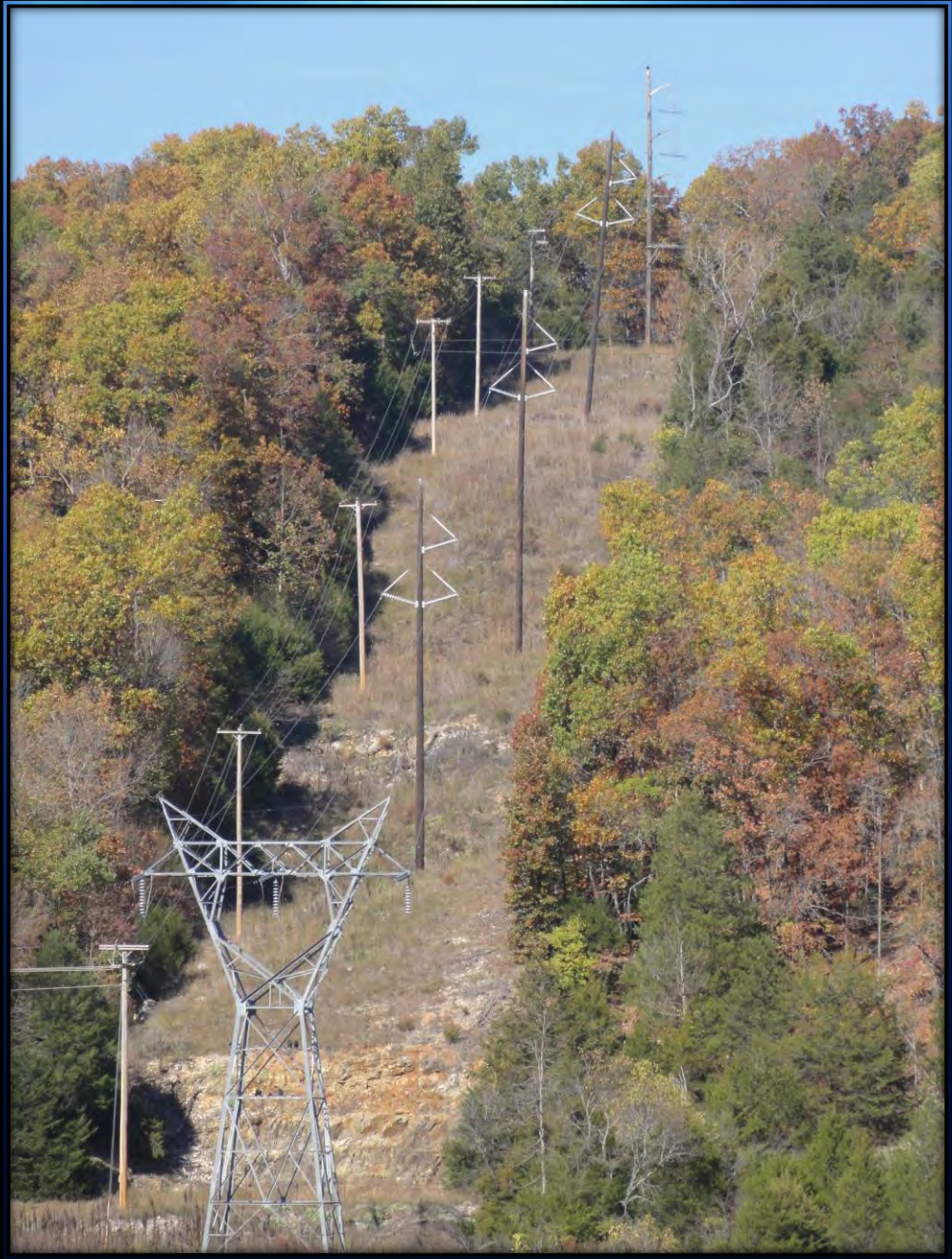
CONFINED SPACE
ENTER BY
PERMIT ONLY

MOD T2

161KV TABLE ROCK
LINE 6
SWPA
161 KV Lead Hill (B3402)
PCB 102 Line 6
AECI
1638
1649
1647

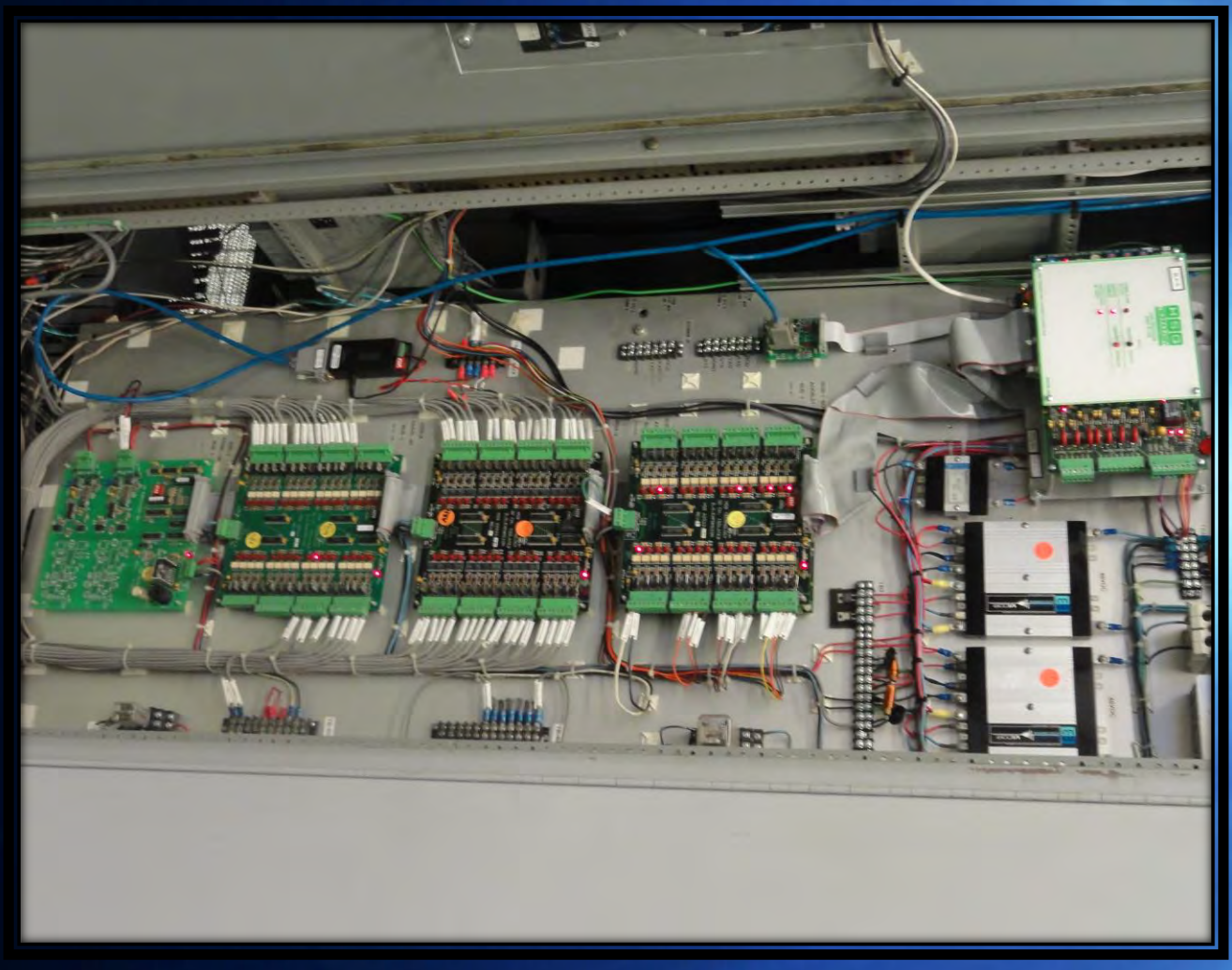



CAUTION
NON-PERMIT
CONFINED SPACE
— KEEP OUT —
UNLESS AUTHORIZED



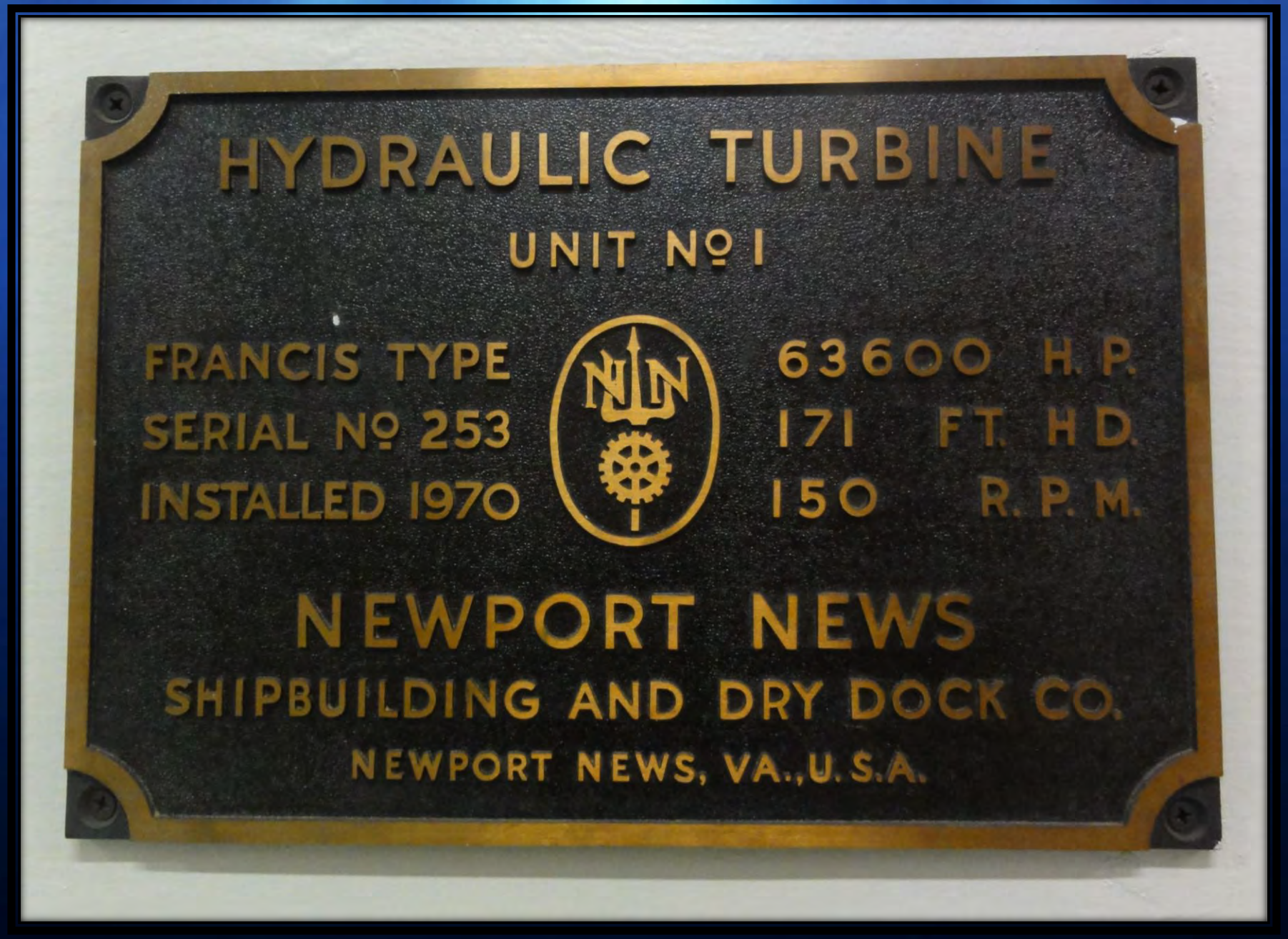
Altec
Altec

GENERATOR
NO.2
FOR FIRE
BREAK GLASS
CLOSE SWITCH
-O-TWO SYSTEMS
HE FYR-FYTER COMPANY
NEWARK
NEW JERSEY



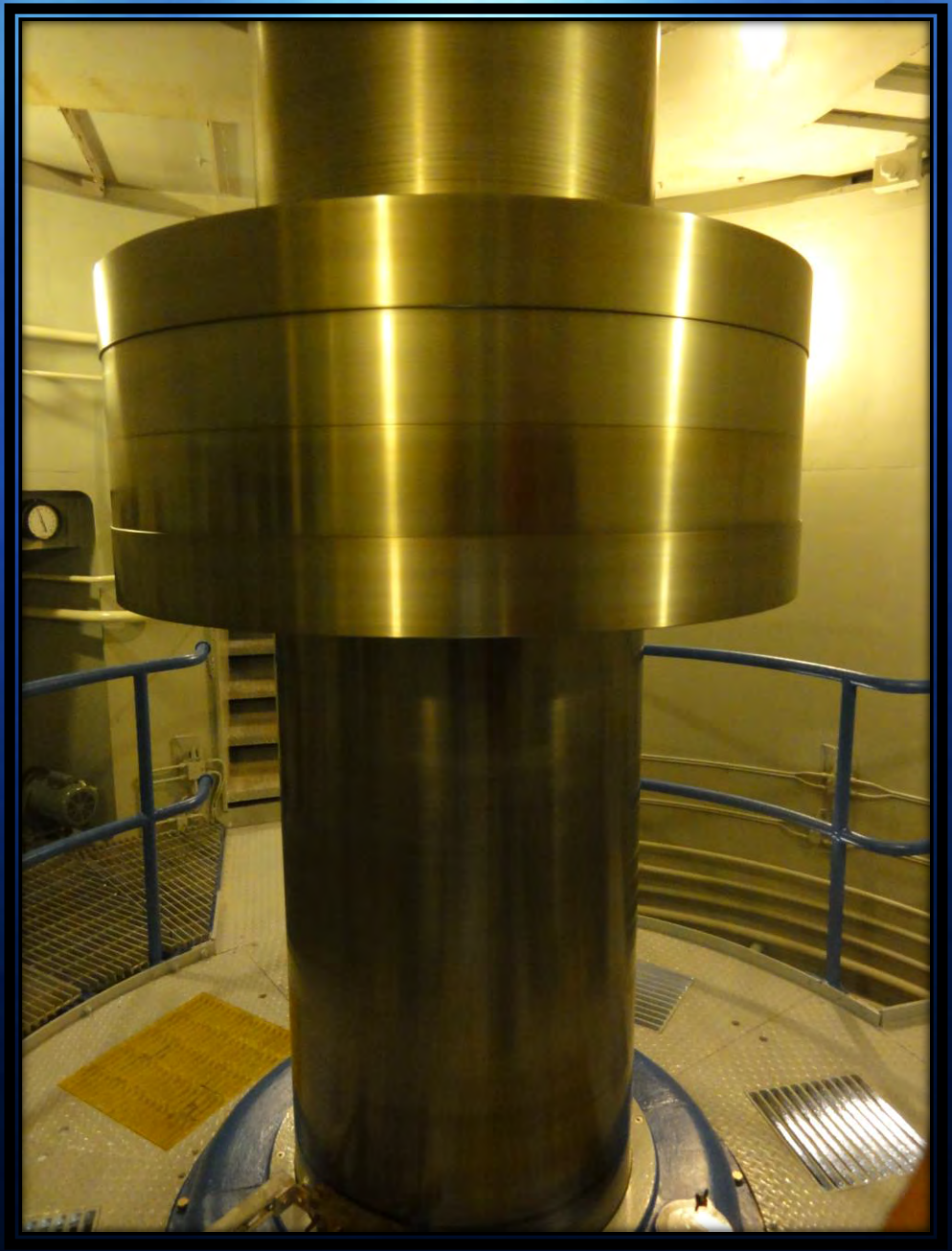
HOT SPRINGS EHV
MX
HOT SPRINGS EHV
5R
MX
X
MO
HOT SPRINGS EHV

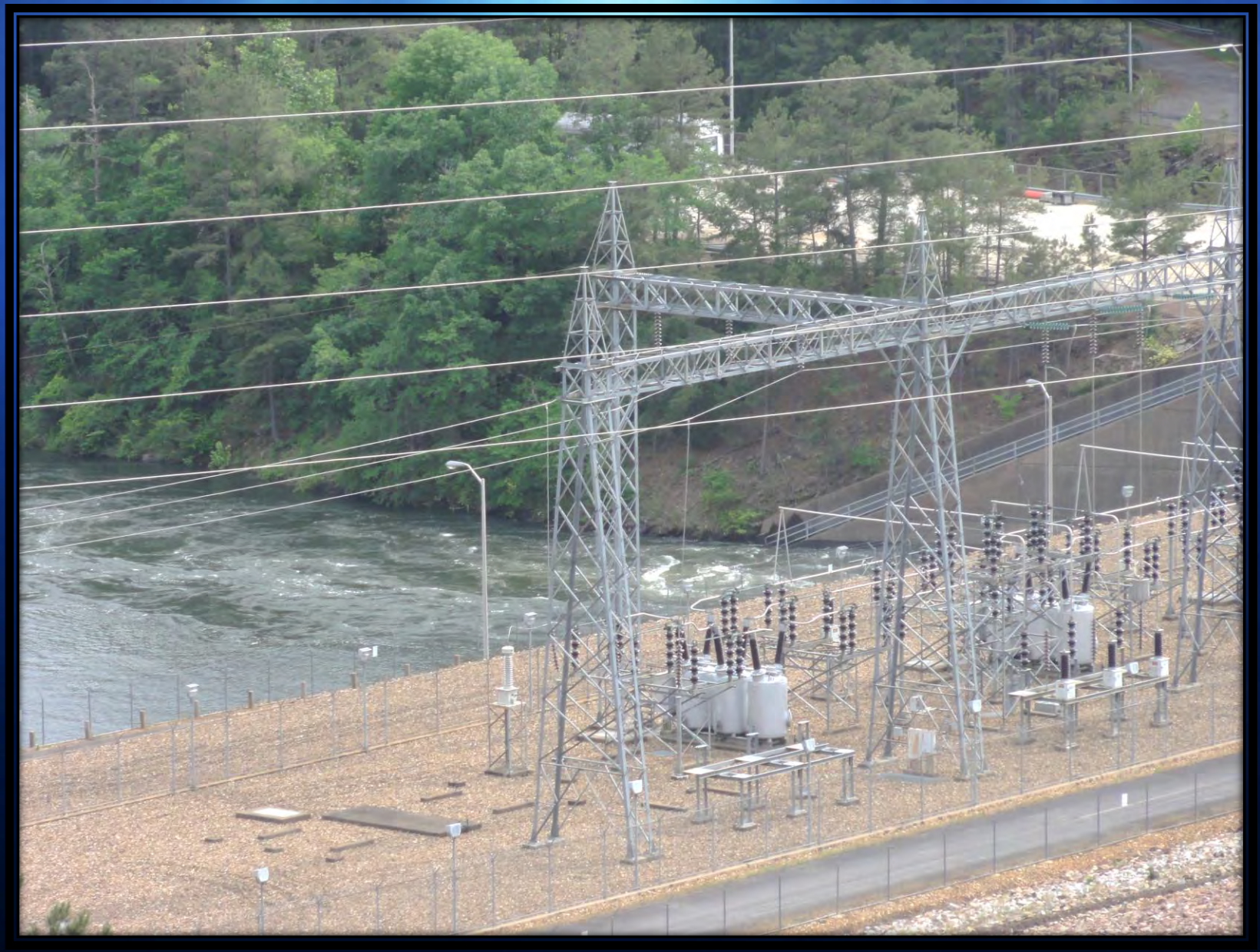
AIR BRAKE
CONTROL
PRESSURE
SPEED
DROOP
GATE
INDICATOR
GATE POSITION
ADJUSTMENT

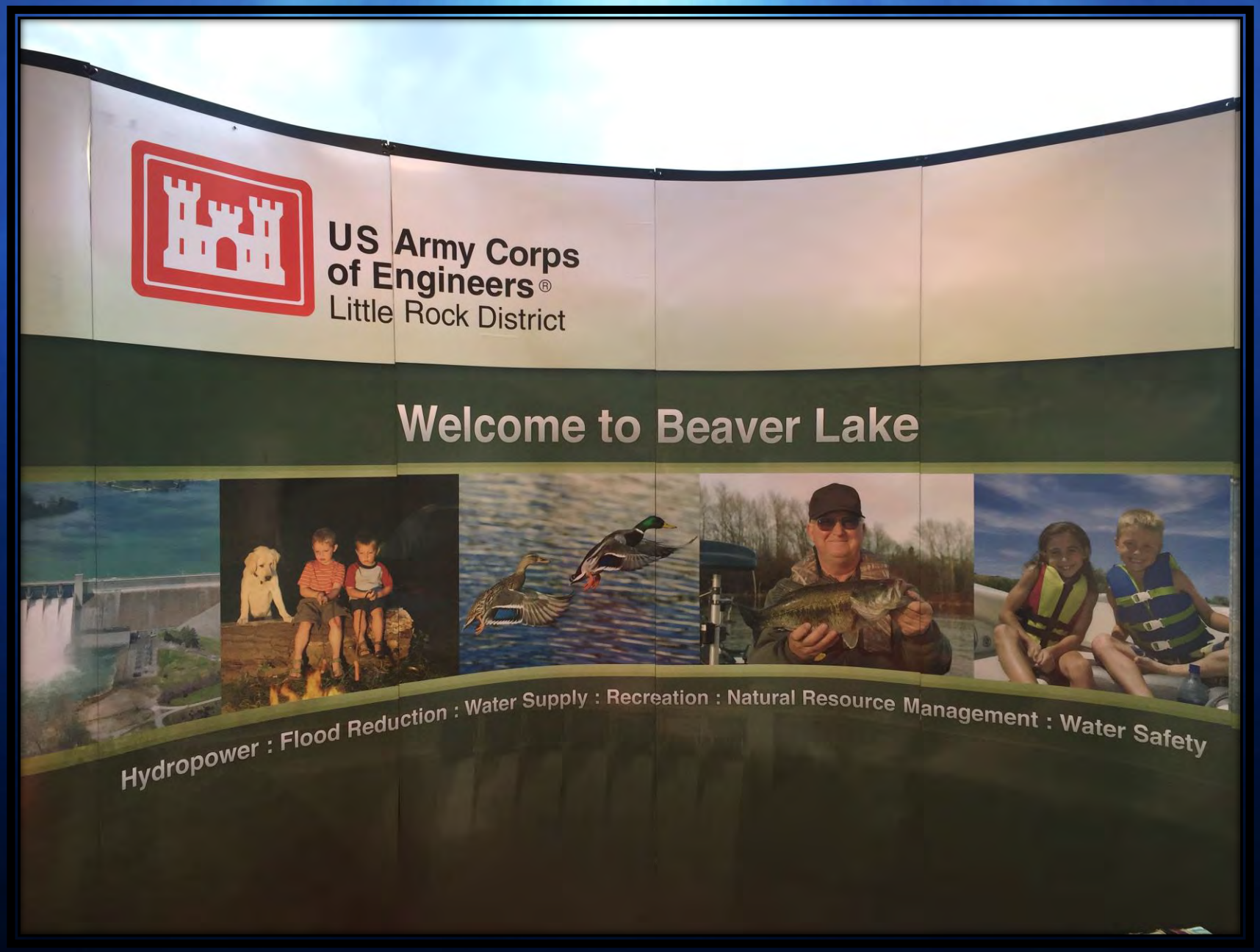

HYDRAULIC TURBINE
UNIT Nº 1
FRANCIS TYPE
SERIAL Nº 253
INSTALLED 1970
63600 H. P.
171 FT. HD.
150 R. P. M.
NEWPORT NEWS
SHIPBUILDING AND DRY DOCK CO.
NEWPORT NEWS, VA., U.S.A.

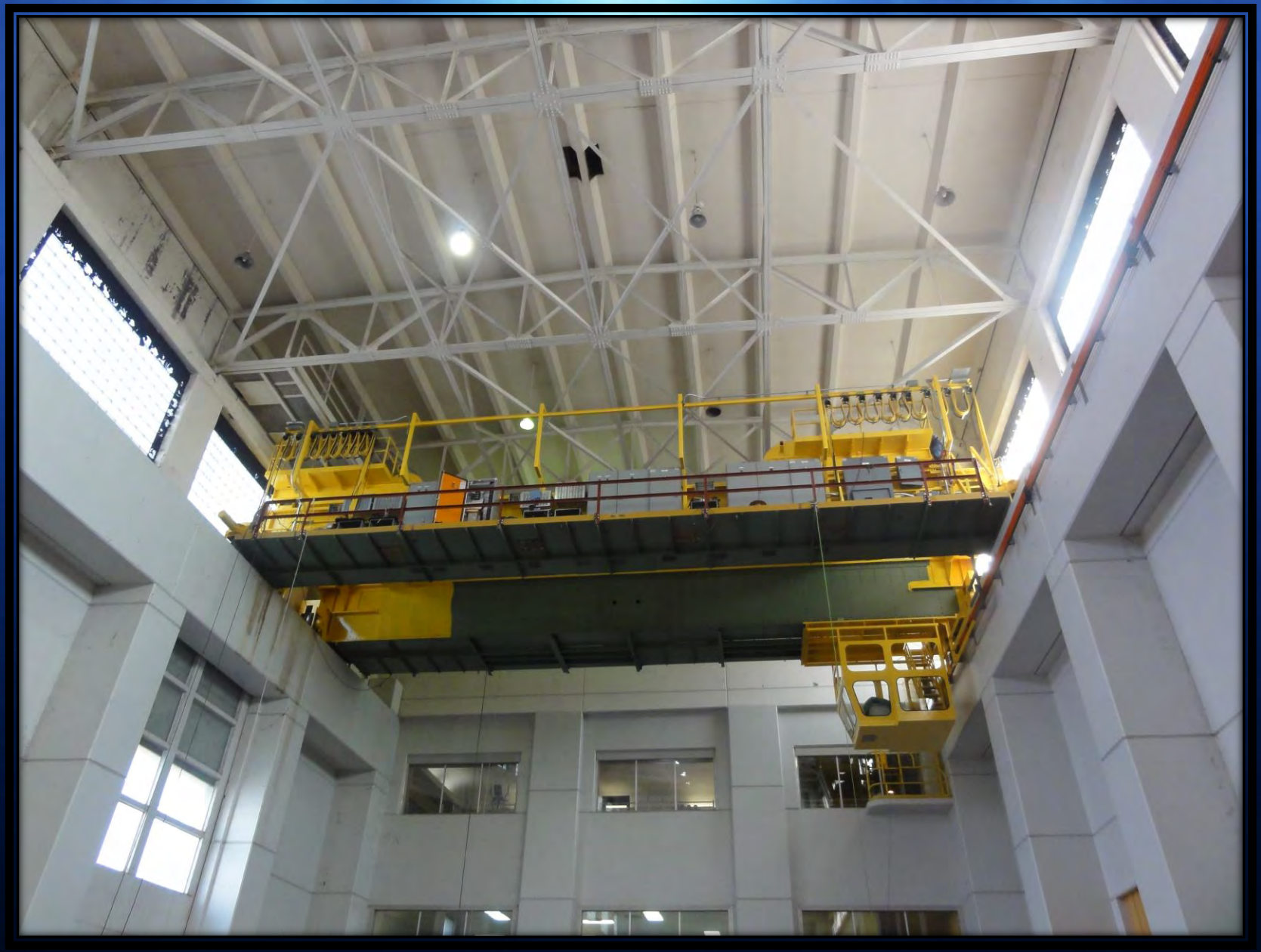
2
ALLIS-CHALMERS
ALLIS-CHALMERS
SYNCHRONOUS MOTOR

ALSTOM
GENERATOR REFURBISHMENT
UPRATED CAPABILITY: 48,420 kVA / 46,000 kW
13.8 kV 2026 A P.F. 0.95 60 Hz 150 RPM
3 PHASE Y CONNECTED COUNTER-CLOCKWISE ROTATION
STATOR INSULATION: CLASS F
EXCITATION: 766 A 193 V
MAXIMUM TEMPERATURE RISE: STATOR 75°C
MAXIMUM COOLING AIR TEMPERATURE: 40°C
ALSTOM NO. 510733 UNIT NO. 1 INSTALLED 2014
Alstom Hydro Canada inc.
SOREL-TRACY, (QUEBEC) CANADA

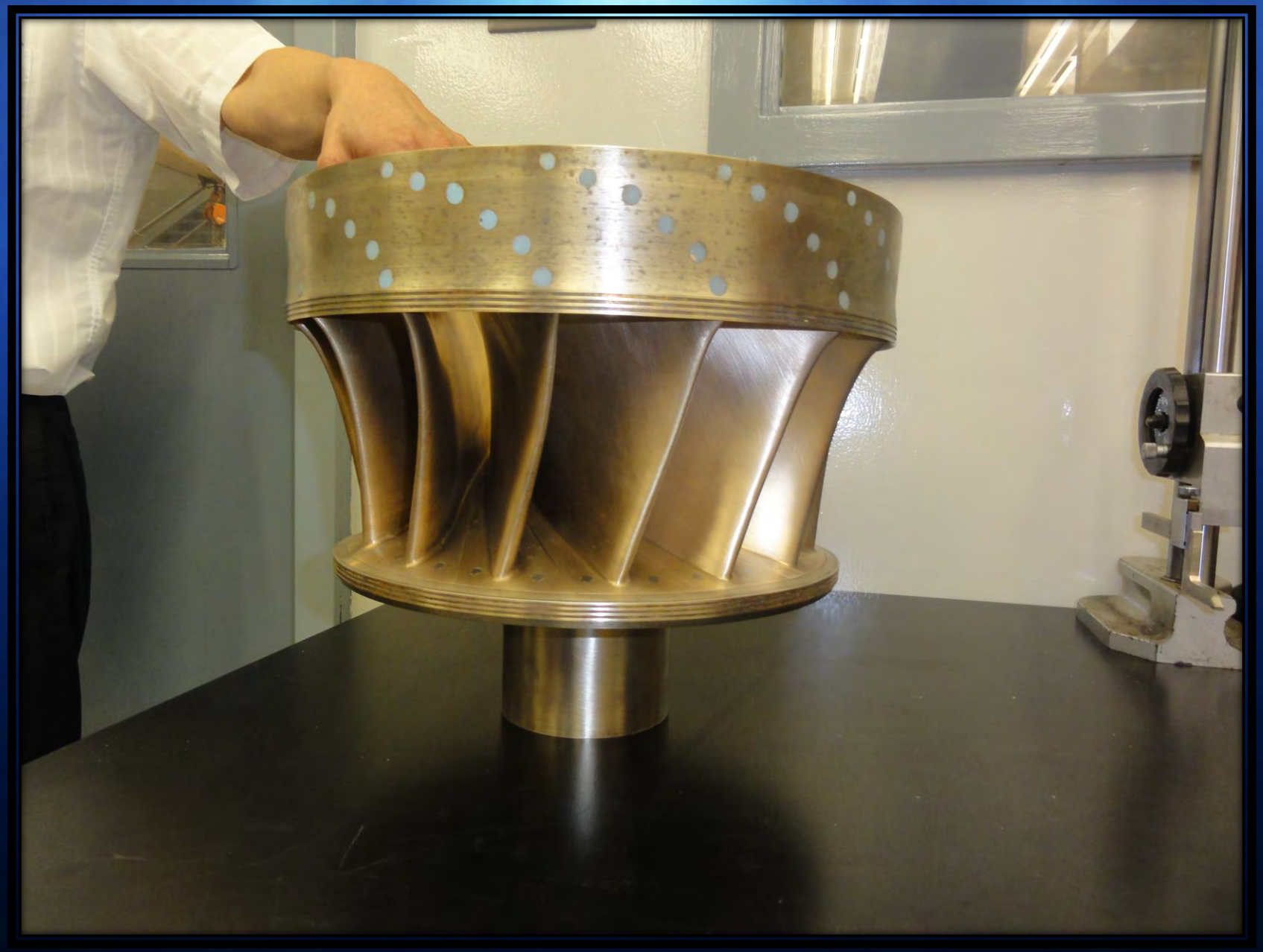


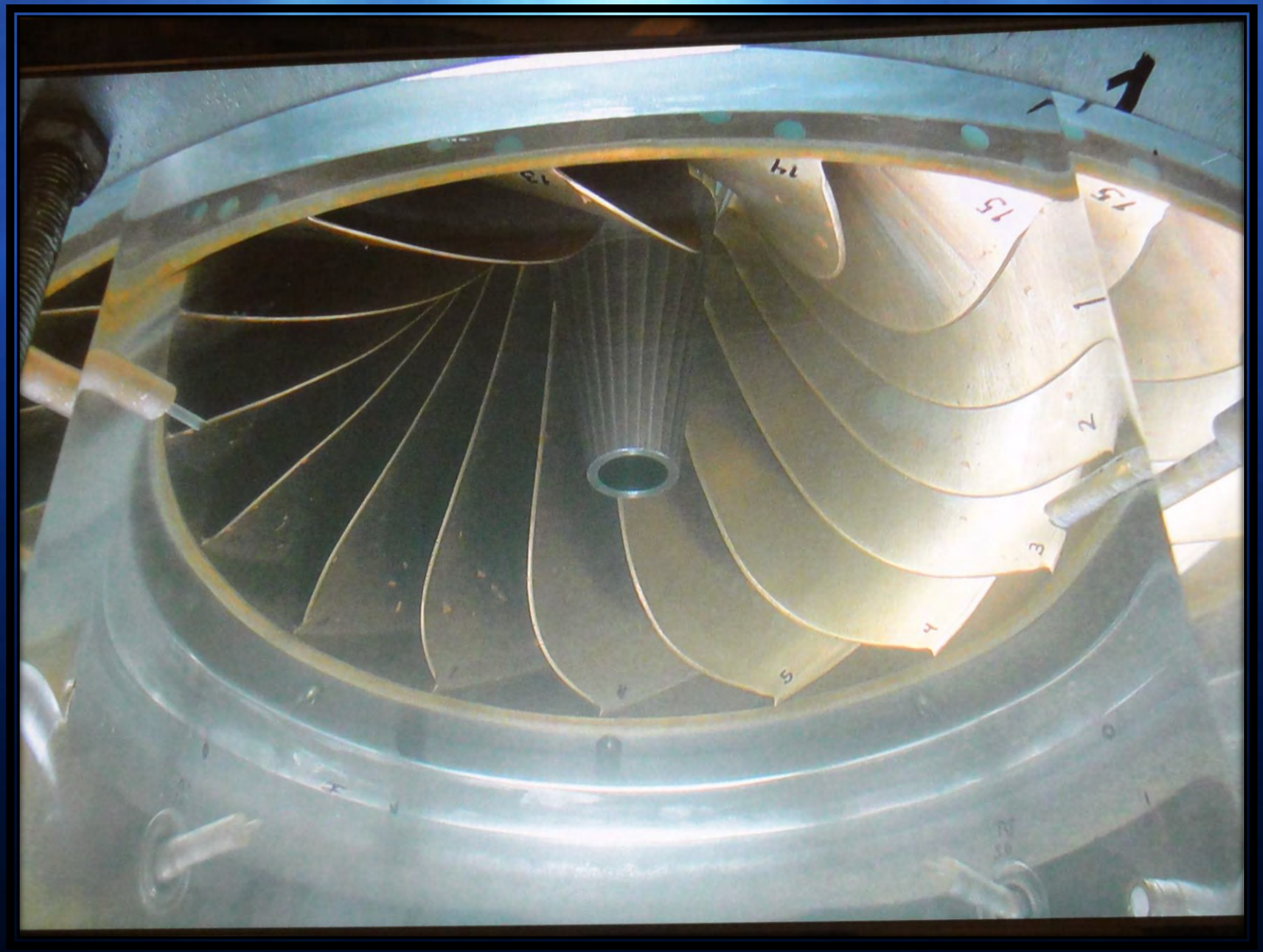


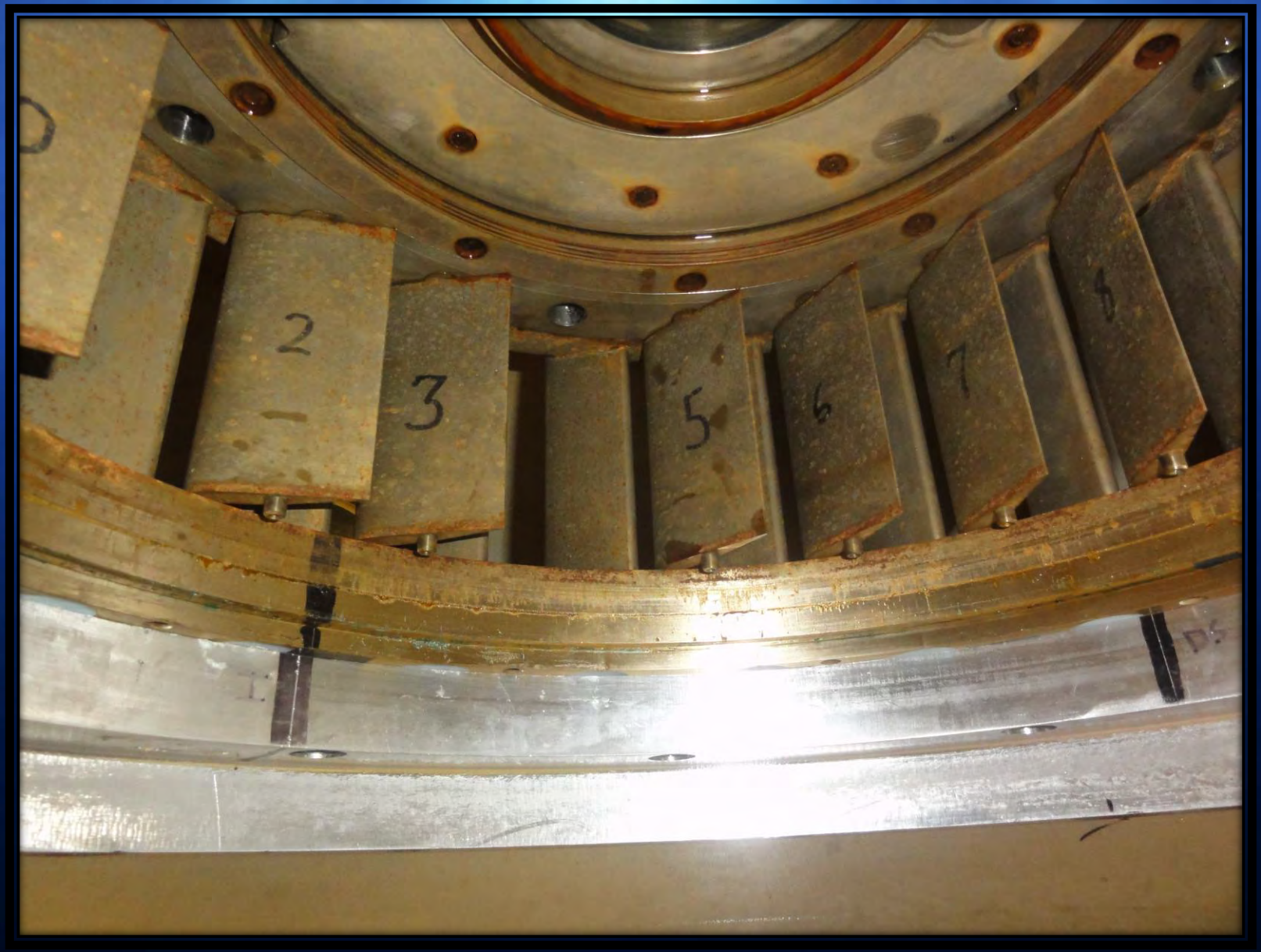

US Army Corps
of Engineers®
Little Rock District
Welcome to Beaver Lake
Hydropower : Flood Reduction : Water Supply : Recreation : Natural Resource Management : Water Safety



70
80
60
90
50
40
30
100
10
105
UPPER GUIDE BRG.
BRG TEMP






2
3
5
6
7

#1
#2
#3
#4
#5

REAL ESTATE MORTGAGE

KNOW ALL MEN BY THESE PRESENTS:
THAT

Southwestern Power Administration

of
the United States Department of Interior,
party of the first part has mortgaged and hereby mortgages to

The Treasurer of The United States of America

party of the second part, the following described real estate and premises situated in Grayson County State of Texas to wit:

PAID IN FULL

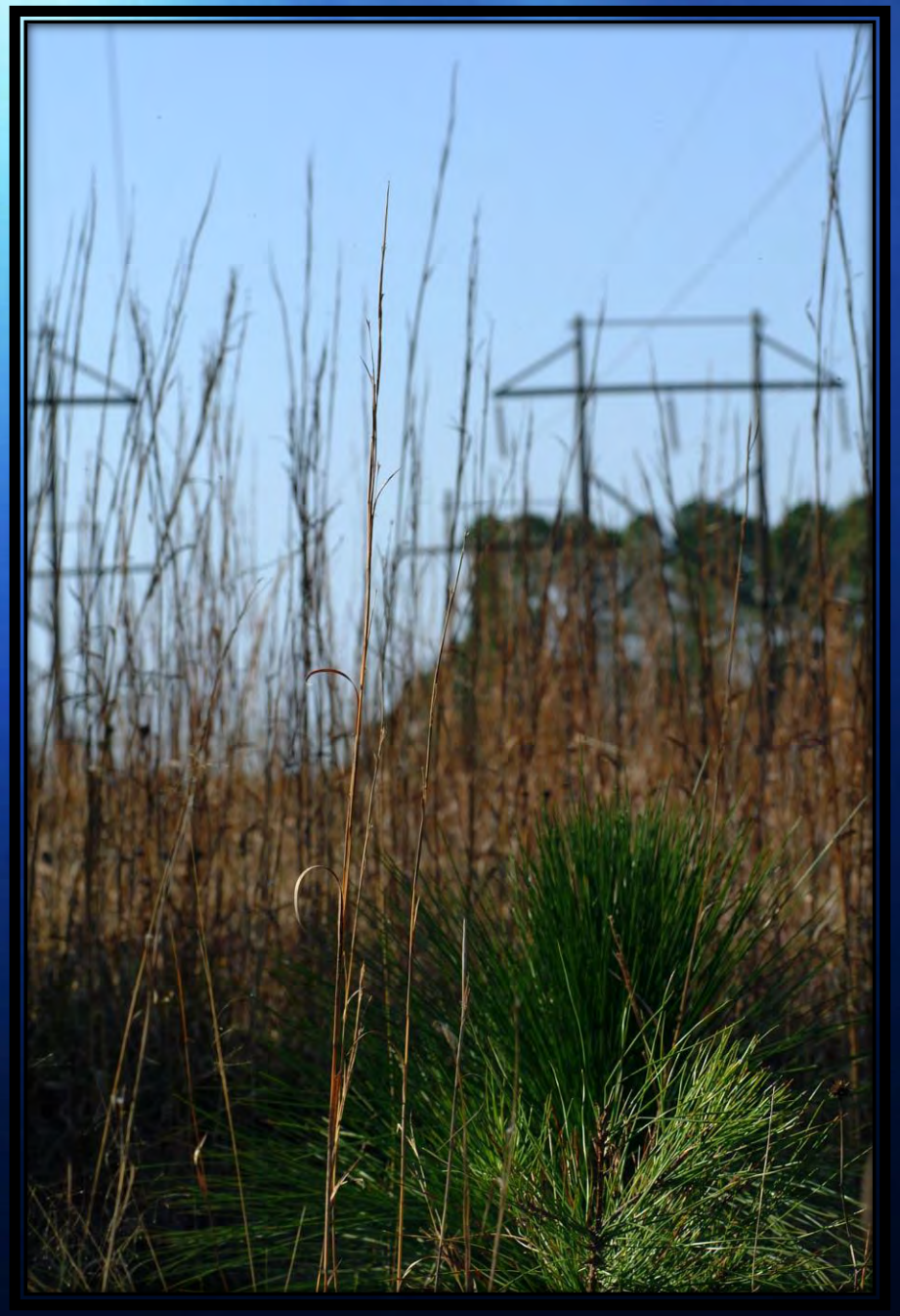
The Hydroelectric Plant of Denison Dam . . .	**$46,000,000.00**
Operations and Maintenance Costs . . .	**$33,000,000.00**
Total Including Interest . . .	**$79,000,000.00**

Douglas G. Wright
Douglas Wright
Administrator

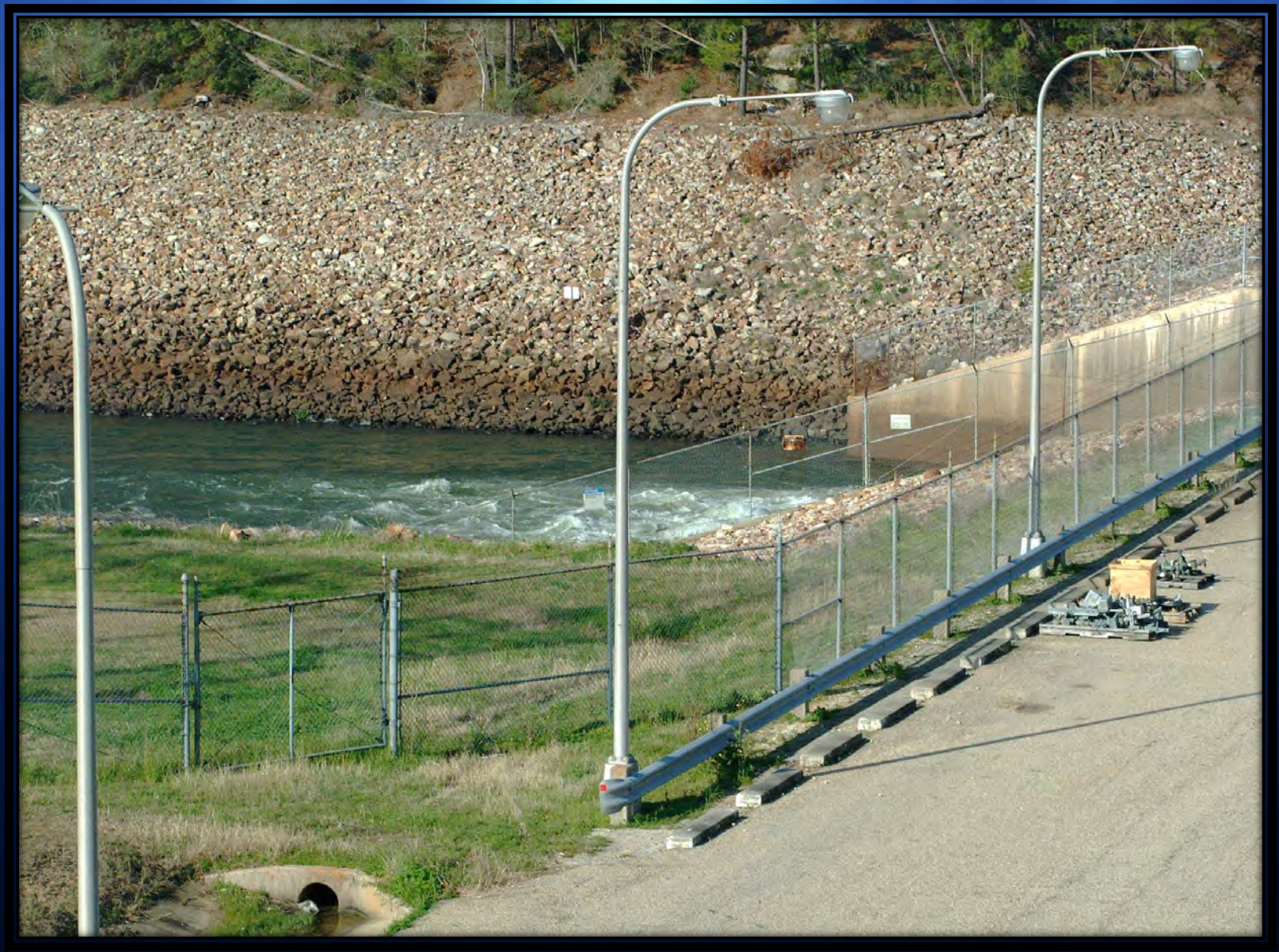
March, 1944
Date

DEPARTMENT OF ENERGY
UNITED STATES OF AMERICA

ABB
PCB
22
PCB
22

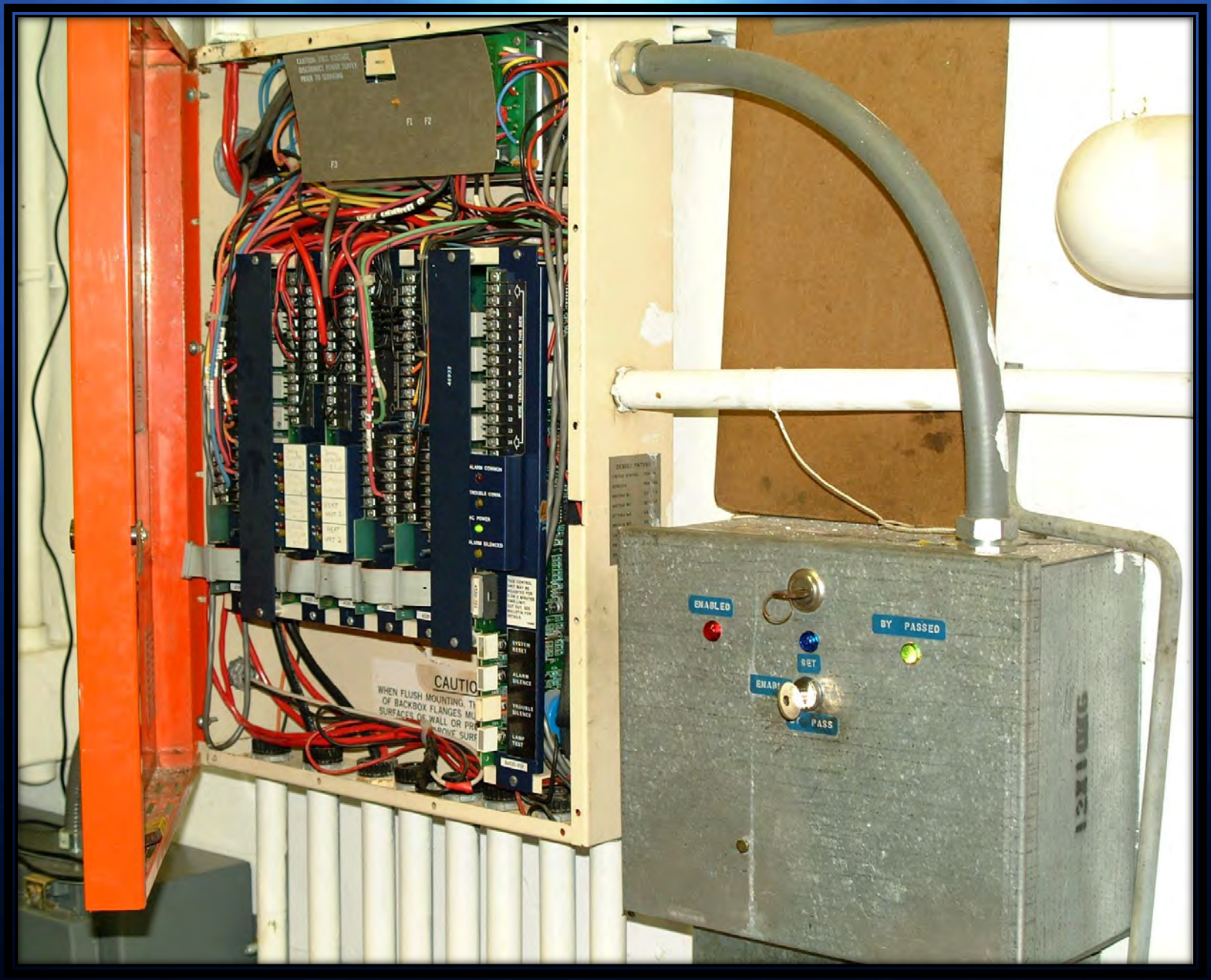


DANGER



JOHN DEERE

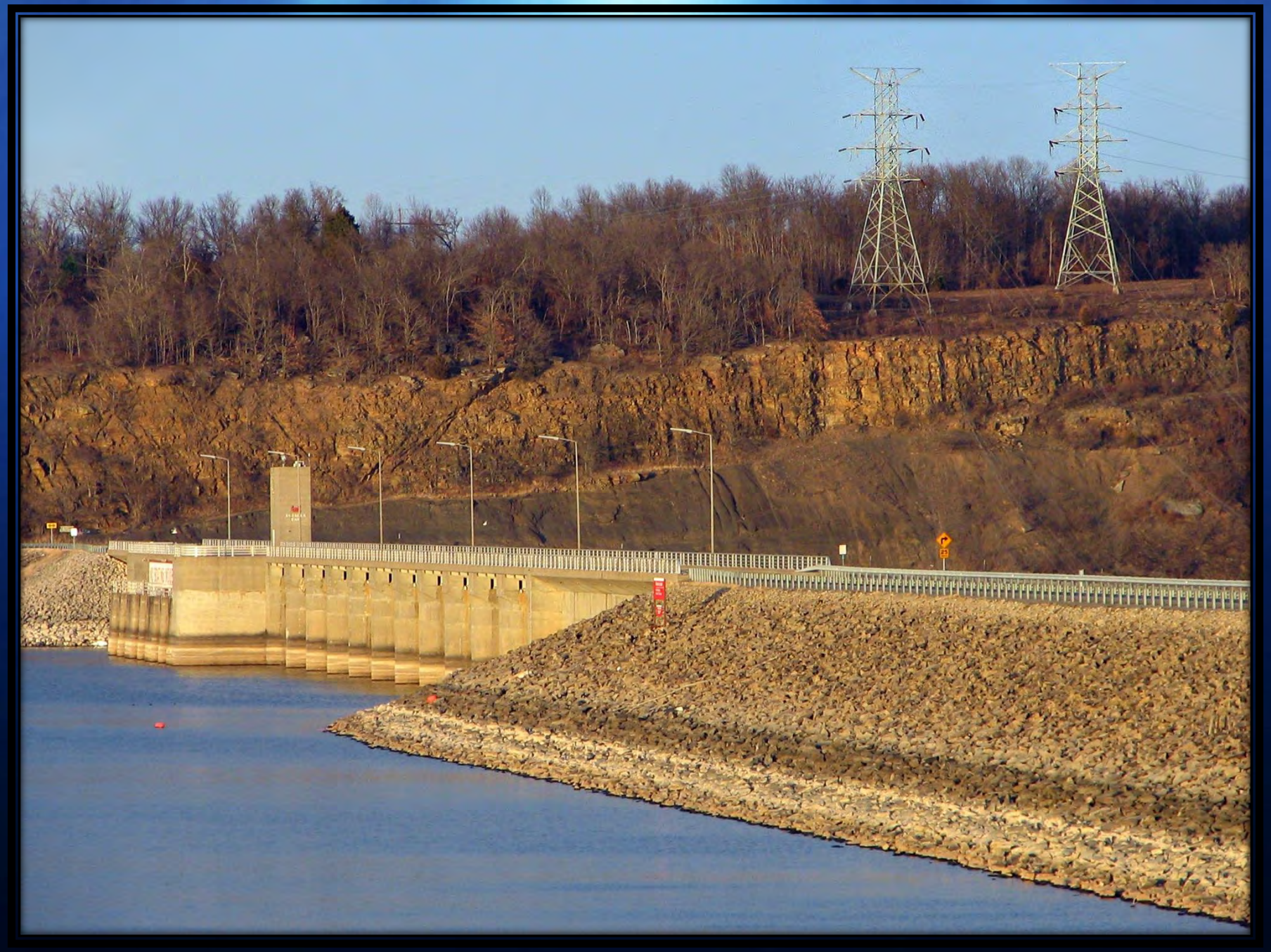
DANGER
HIGH VOLTAGE


ENABLED
BY PASSED
SET
PASS
CAUTIO

Altec

NO BOATING INSIDE BUOY LINE

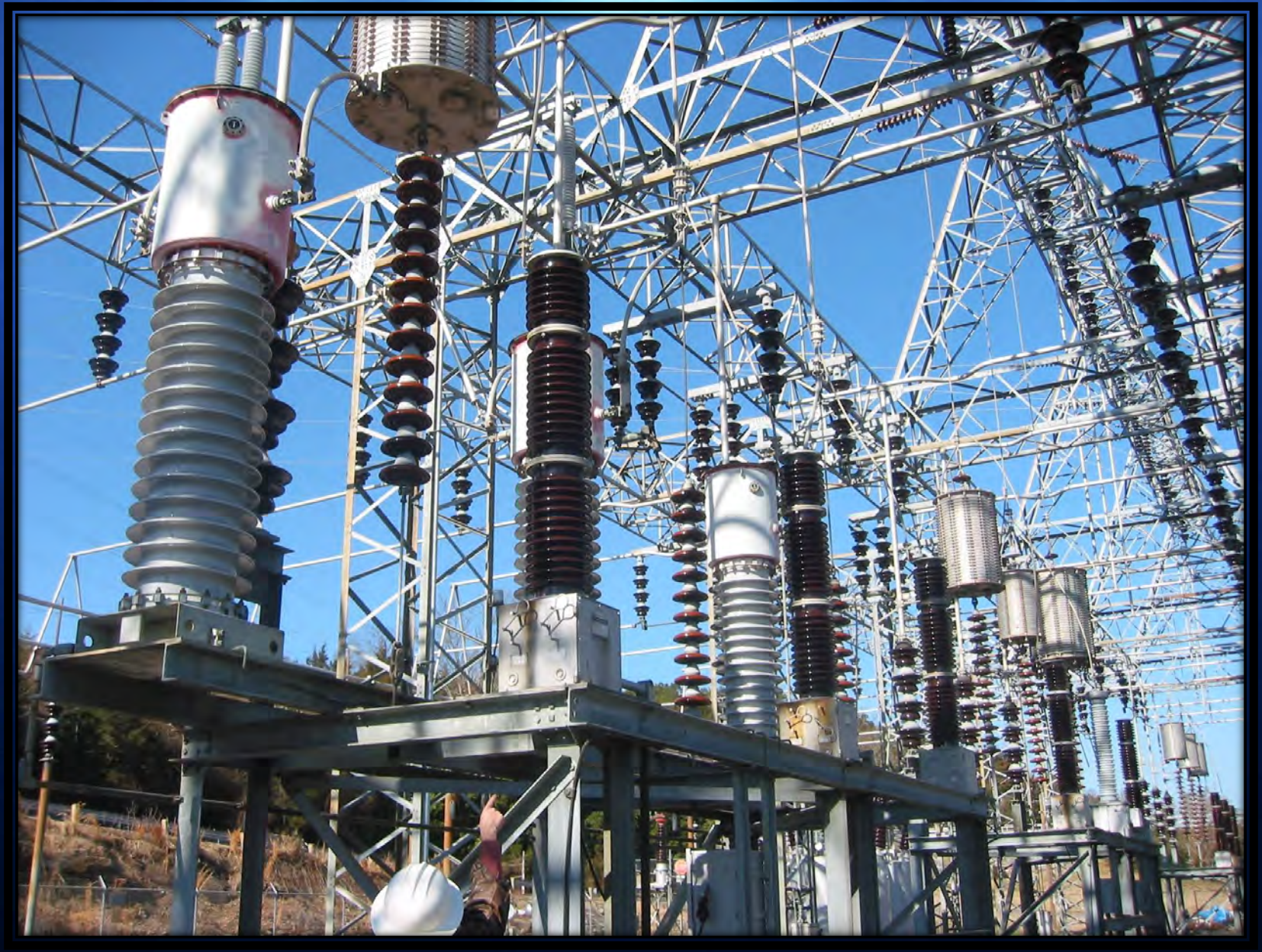
20
TONS
LYPTA

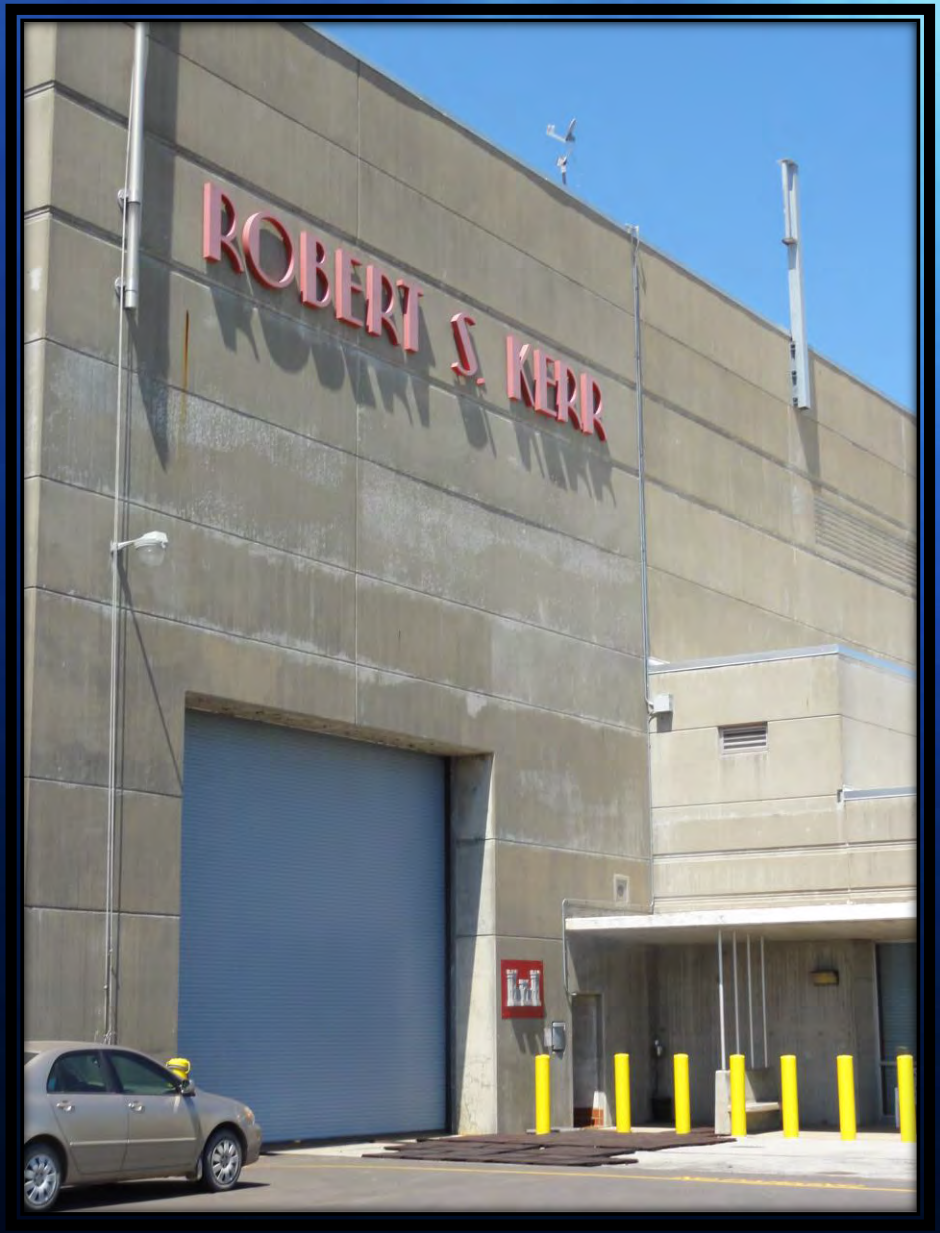


SEL-351A
DISTRIBUTION PROTECTION SYSTEM
SEL
SCHWEITZER ENGINEERING LABORATORIES
MF/5B TEST BLOCK RTB2
BKR FAIL & SYNC
MF/5B
SEL-311C
PROTECTION AND AUTOMATION SYSTEM
SEL
SCHWEITZER ENGINEERING LABORATORIES
21/L4A TEST BLOCK PTB3
21/L4A TEST BLOCK RTB3
DISTANCE
21/L4A
SEL-311C
PROTECTION AND AUTOMATION SYSTEM
SEL
SCHWEITZER ENGINEERING LABORATORIES
21/L4B TEST BLOCK PTB4
21/L4B TEST BLOCK RTB4
DISTANCE
21/L4B

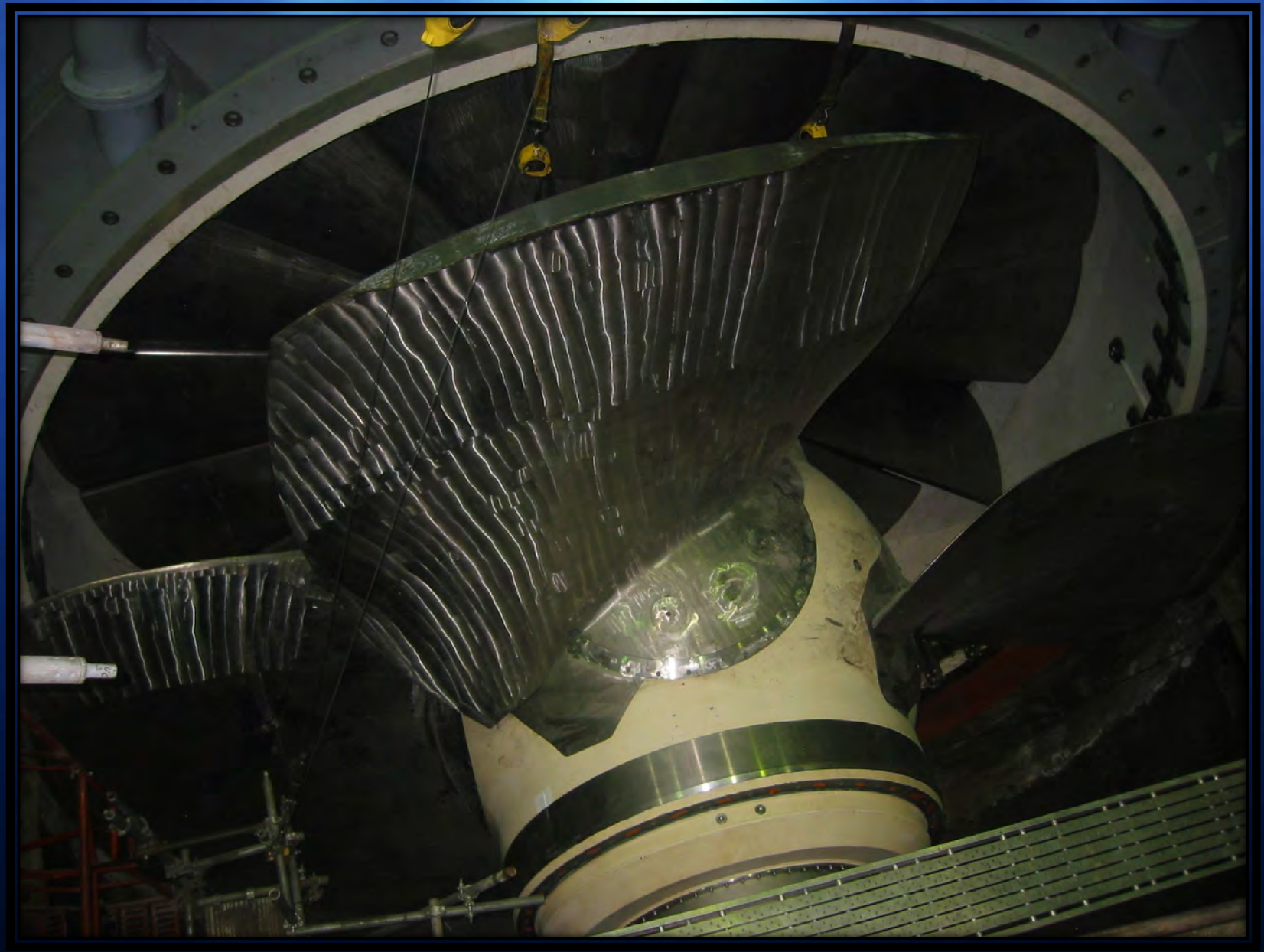
United States
Department of Energy
SOUTHWESTERN
POWER
ADMINISTRATION
Partners in Power
NO

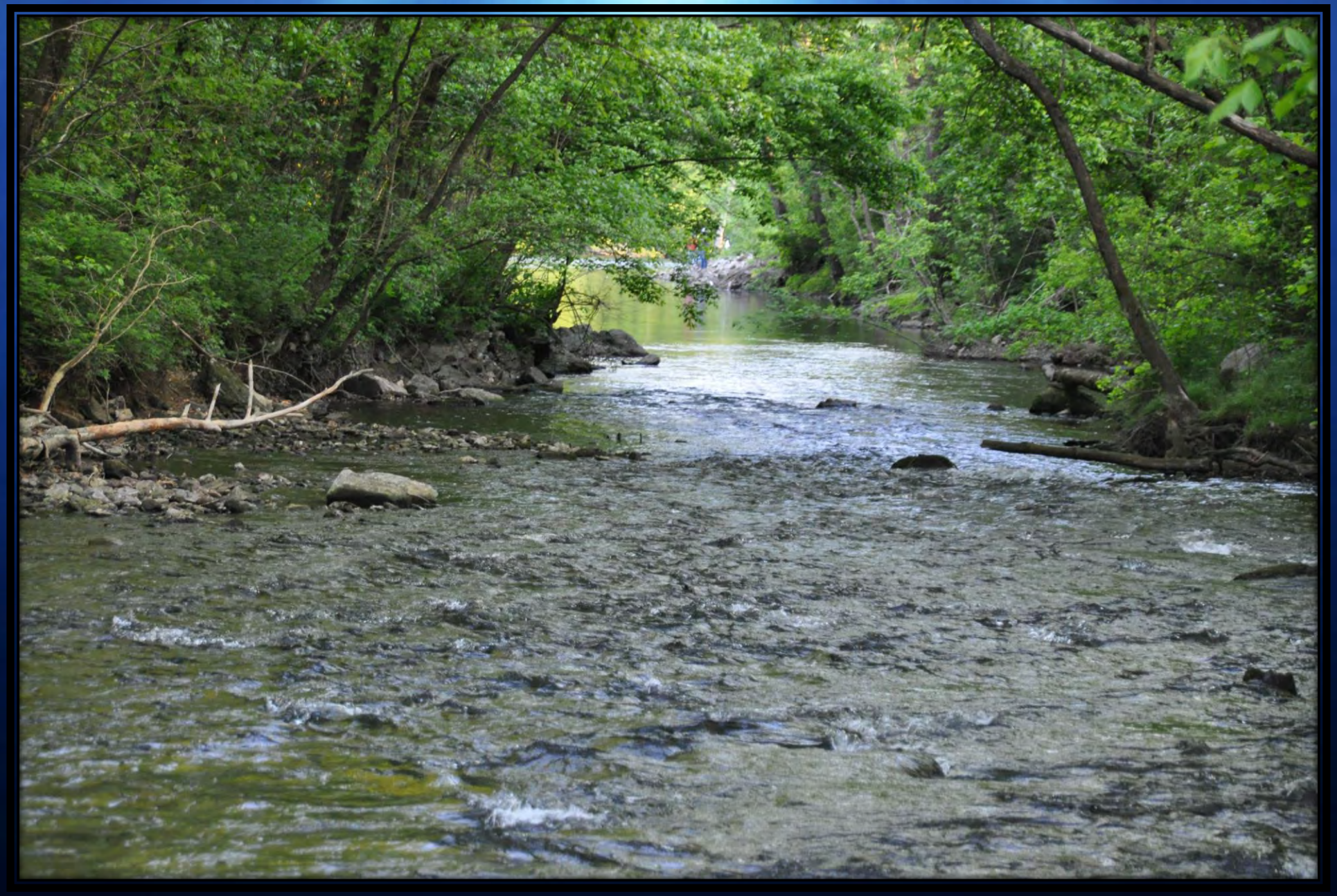
TABLE ROCK




ROBERT S. KERR

United States
Department of Energy
SOUTHWESTERN
POWER
ADMINISTRATION
Partners in Power
U.S. PROPERTY
NO
TRESPASSING





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SOUTHWESTERN
POWER
ADMINISTRATION
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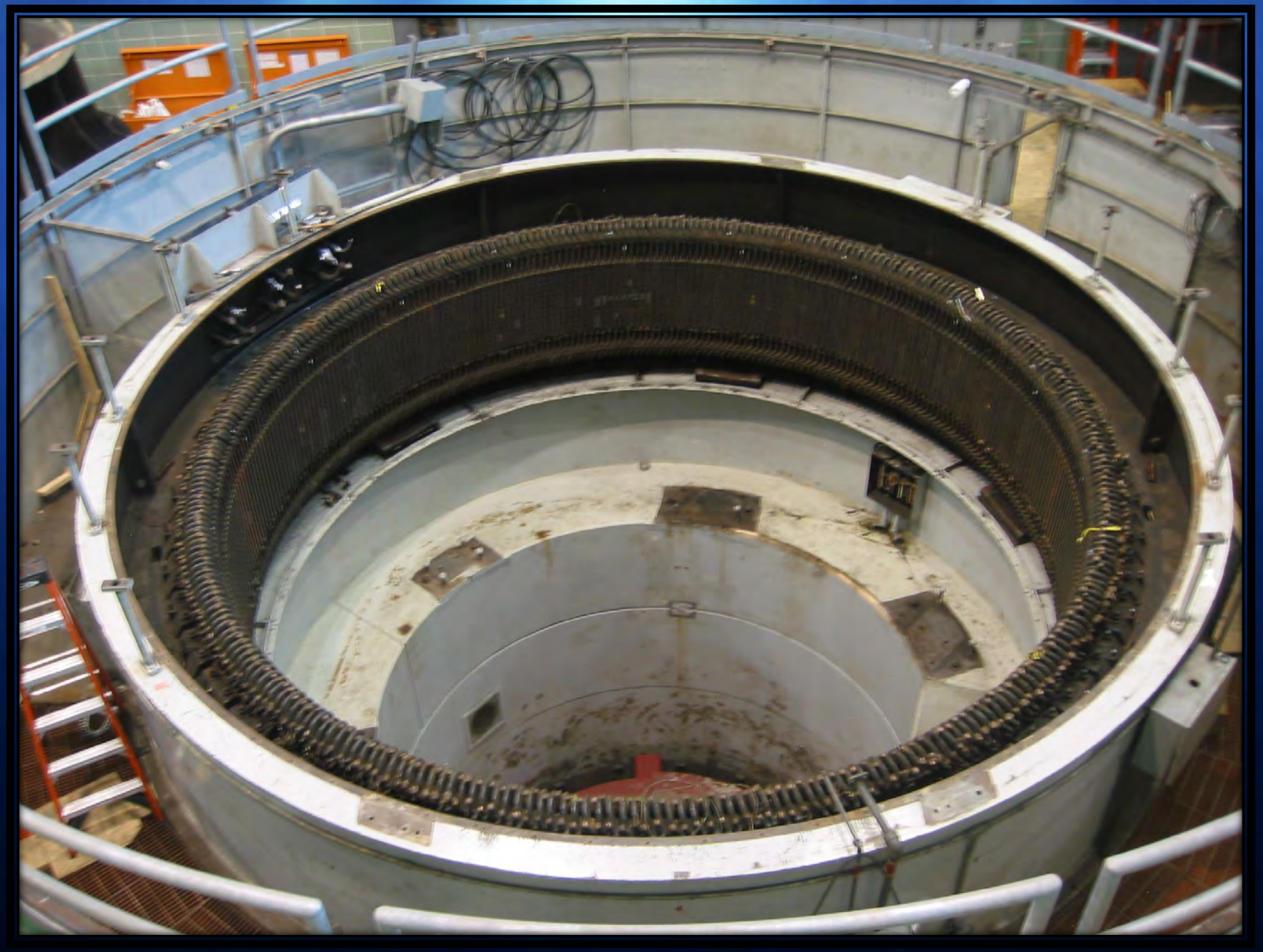

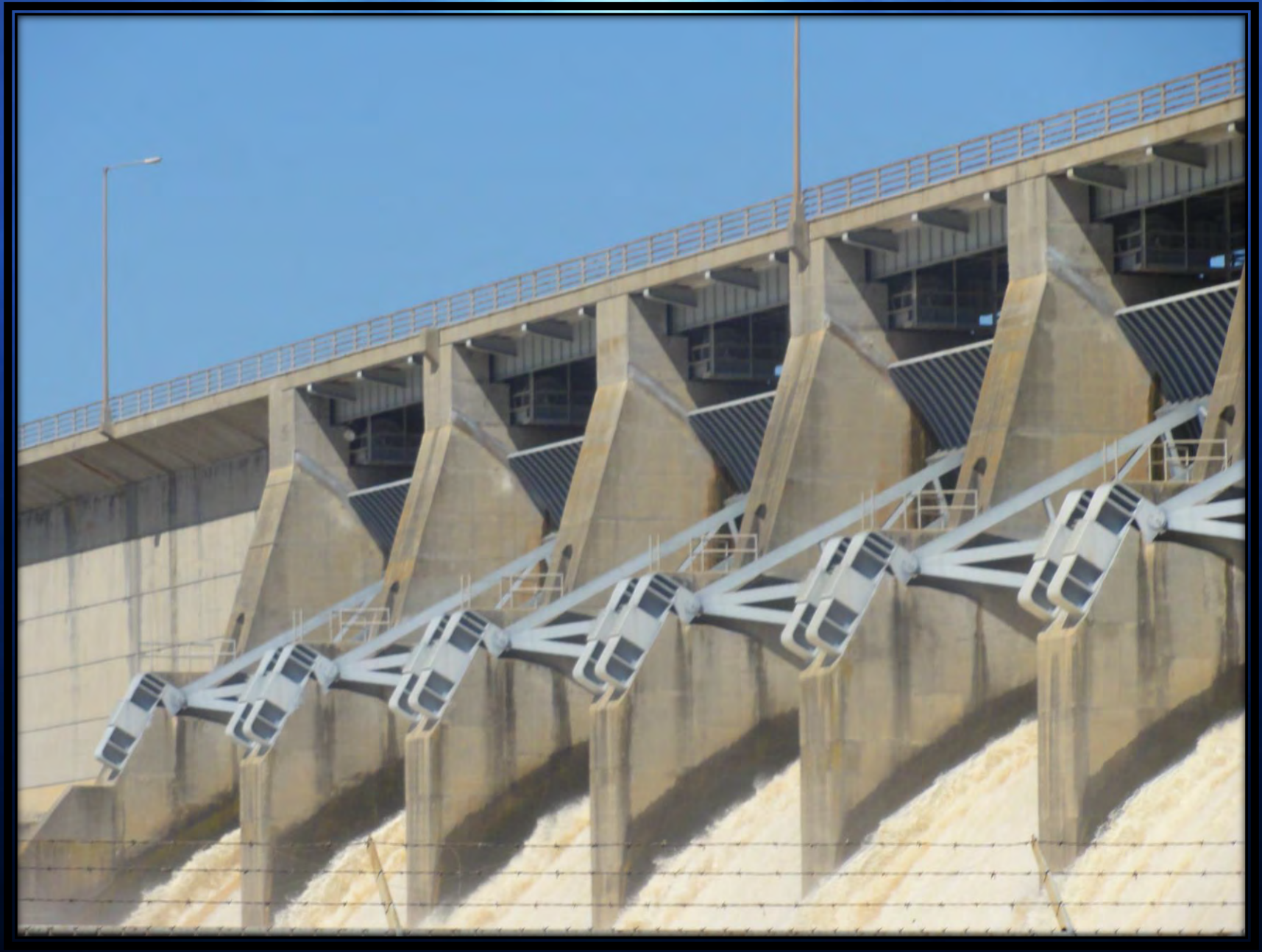

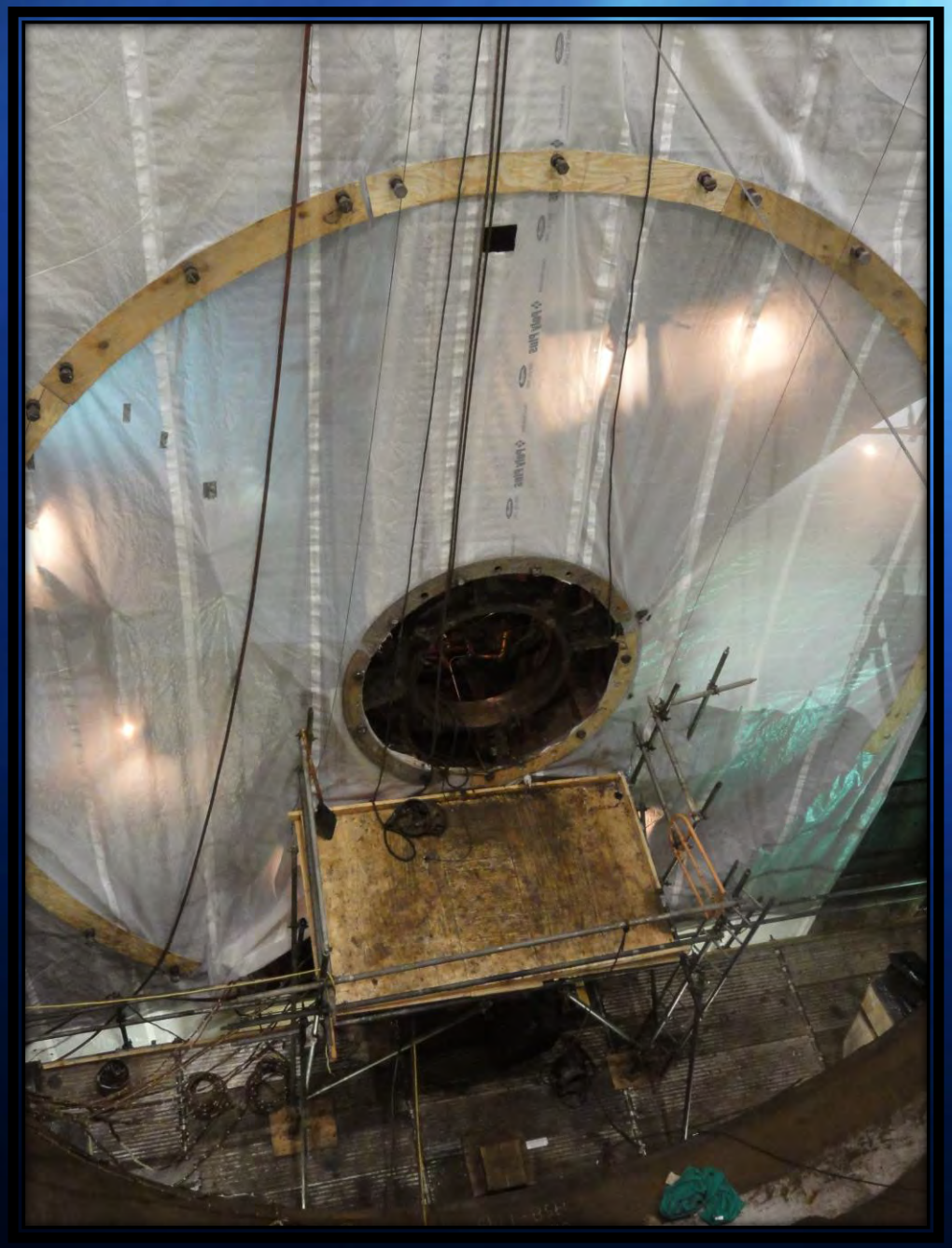

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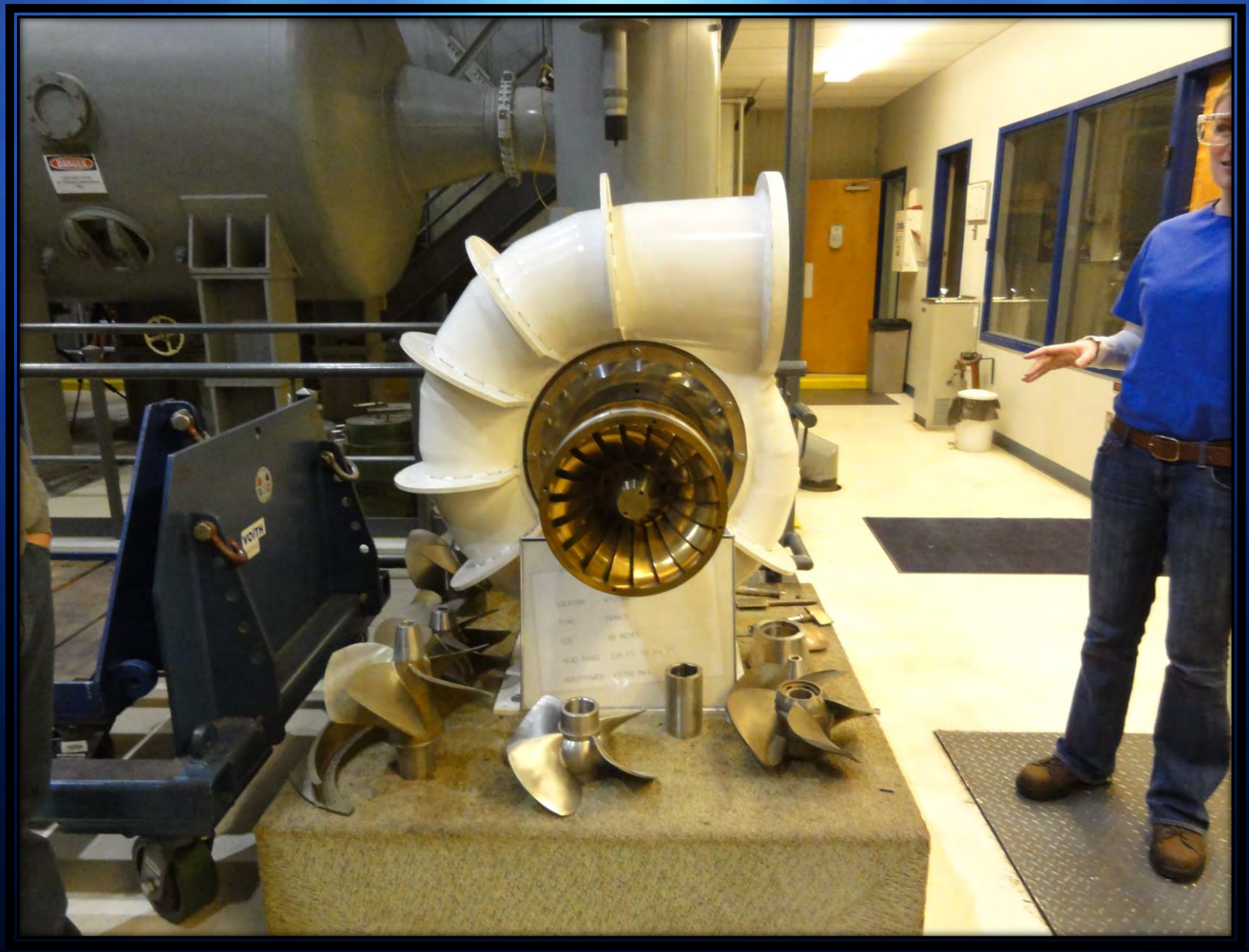
6010
TADANO
MANTIS
CRANES

WHITING
19
18
17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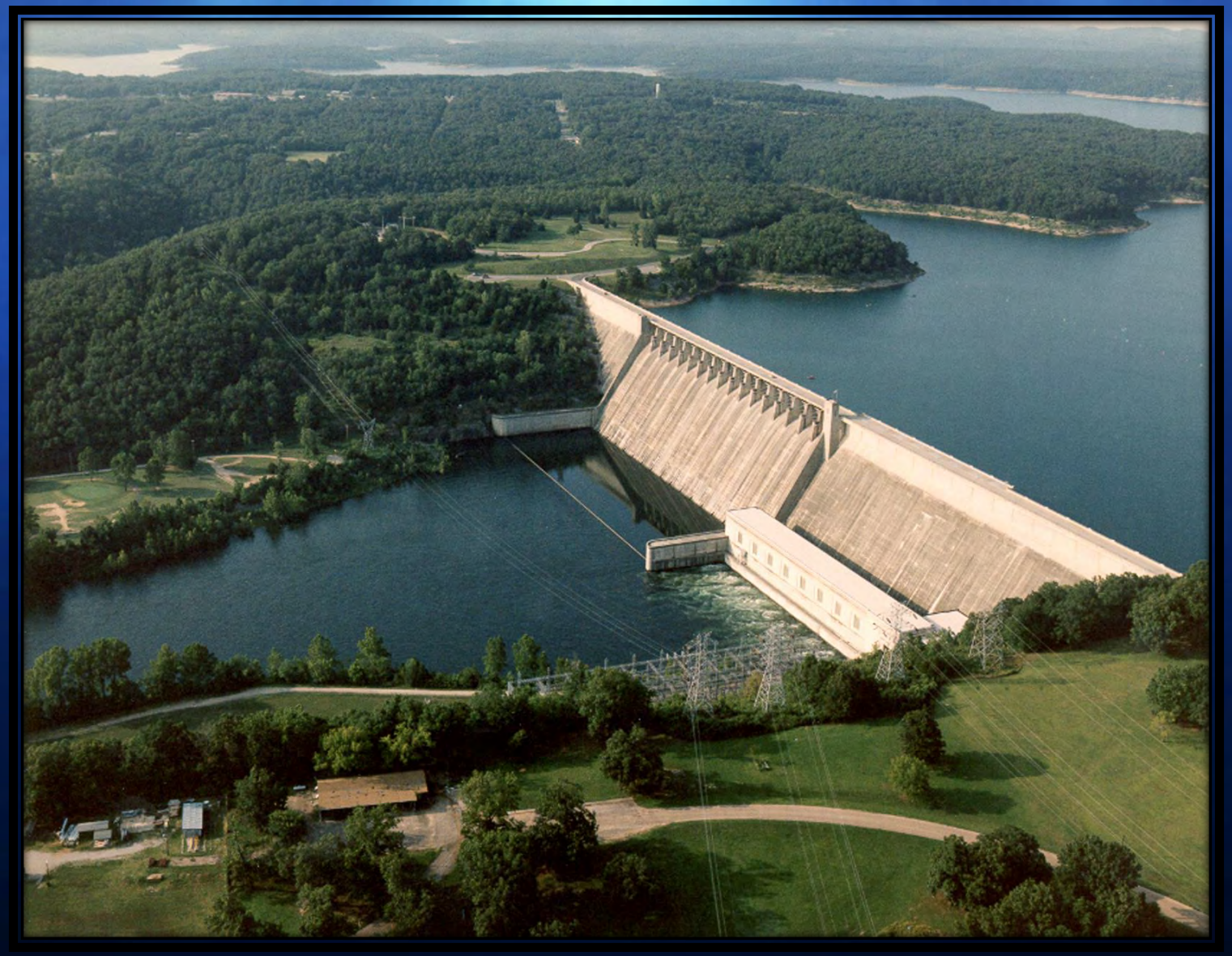
PIGGOTT

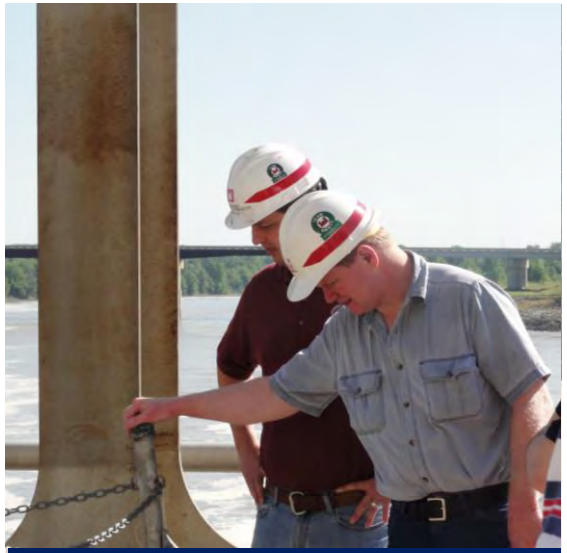


GORE, OKLAHOMA

JONESBORO, ARKANSAS

SPRINGFIELD, MISSOURI

TULSA, OKLAHOMA



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