

HISTORIC AMERICAN ENGINEERING RECORD

INDEX TO PHOTOGRAPHS

HAER
ARIZ,
7-TEMP,
5-

Crosscut Steam Plant

North Side of Salt River near Mill Ave and

Washington Street

Tempe

Maricopa County

Arizona

HAER No. AZ-20

Note: Nos. AZ-20-1 through AZ-20-9 were photographed by Kevin Kriesel-Coons of Salt River Project. All are 8" x 10" enlargements from 4" x 5" negatives.

- AZ-20-1 STEAM PLANT FROM NORTH WITH SWITCHYARD.
December 4, 1990
- AZ-20-2 STEAM PLANT FROM SOUTH SHOWING ONE MARINE
BOILER. November 13, 1990
- AZ-20-3 ORIGINAL THREE STEAM PLANT BOILERS ALONG WEST
SIDE OF STEAM PLANT BUILDING, FROM SOUTHWEST.
November 13, 1990
- AZ-20-4 STEAM PLANT MARINE BOILERS WEST OF STEAM PLANT
AND SOUTH OF ORIGINAL STEAM PLANT BOILERS, FROM
SOUTH. November 13, 1990
- AZ-20-5 STEAM PLANT COOLING TOWER LOCATED WEST OF STEAM
PLANT BUILDING, FROM SOUTH. SHOWS CURRENT LEVEL
OF DISREPAIR. December 4, 1990
- AZ-20-6 INTERIOR OF NORTH END OF STEAM PLANT, GROUND
FLOOR, SHOWING FORMER LOCATION OF DIESEL
ENGINES. THIS WAS THE FIRST PART OF THE
BUILDING TO BE CONSTRUCTED, WHEN IT HOUSED ONLY
THE DIESEL ENGINES. December 4, 1990
- AZ-20-7 ONE OF THREE CIRCULATING WATER PUMPS FOR STEAM
PLANT, LOCATED ON FIRST FLOOR UNDER TURBINE
DECK. VIEW OF PUMP LOCATED FARTHEST NORTH.
November 13, 1990
- AZ-20-8 TURBINE DECK (UPPER FLOOR) INSIDE STEAM PLANT,
SHOWING STEAM TURBINES AND GENERATORS, LOOKING
NORTH. November 13, 1990
- AZ-20-9 STEAM PLANT ELECTRICAL CONTROL LOCATED ON EAST
SIDE OF TURBINE DECK. December 4, 1990

Note: Photographs Nos. AZ-20-10 through AZ-20-29 are photocopies of photographs, the originals or prints of which are found in SRP Archives; no individual photographers known

but are assumed to be produced by SRP. All are 8" x 10" enlargements from 4" x 5" negatives.

- AZ-20-10 AERIAL VIEW OF CROSSCUT FACILITY SITE, SHOWING STEAM/DIESEL PLANT BUILDING, RUNNING GENERALLY ACROSS PHOTO, AND INDIAN BEND POND IN UPPER RIGHT CORNER. November 7, 1955
- AZ-20-11 VIEW FROM SOUTH OF CROSSCUT DIESEL PLANT UNDER CONSTRUCTION FOR EXPANSION TO HOUSE STEAM UNITS, SHOWING ORIGINAL FUEL TANK (FAR LEFT) AND DIESEL COOLING TOWER (CENTER). March 15, 1941
- AZ-20-12 SOUTH END OF ORIGINAL CROSSCUT DIESEL PLANT BUILDING BEFORE RENOVATIONS TO HOUSE STEAM UNITS. December 6, 1940
- AZ-20-13 WEST SIDE OF CROSSCUT DIESEL PLANT UNDER CONSTRUCTION FOR EXPANSION TO HOUSE STEAM UNITS, SHOWING STRUCTURAL STEEL AND STEAM BOILERS NOS. 1, 2, AND 3 BEING INSTALLED. March 15, 1941
- AZ-20-14 MARINE STEAM BOILERS AT WEST SIDE OF CROSSCUT STEAM PLANT BUILDING, FROM SOUTH. August 4, 1947
- AZ-20-15 DIESEL PLANT COOLING TOWER LOCATED WEST OF PLANT. April 18, 1950
- AZ-20-16 SOUTH SIDE OF STEAM PLANT COOLING TOWER IN OPERABLE CONDITION, WITH STACKS OF ORIGINAL BOILERS IN BACKGROUND. June 10, 1941
- AZ-20-17 WORKER INVOLVED IN PROJECT TO INSTALL MARINE STEAM BOILERS. June 2, 1947
- AZ-20-18 OPERATING CROSSCUT DIESEL ENGINES INSIDE PLANT. Date unknown
- AZ-20-19 CROSSCUT DIESEL ENGINE SOON AFTER INSTALLATION IN PLANT. June 23, 1938
- AZ-20-20 BASE OF STEAM TURBINE NO. 1 UNDER CONSTRUCTION, SHOWING WORTHINGTON CONDENSER IN PLACE. April 14, 1941
- AZ-20-21 CONSTRUCTION ON TURBINE DECK INSIDE STEAM PLANT. September 24, 1951
- AZ-20-22 STEAM PLANT TURBINE DECK FROM SOUTH END OF BUILDING, SHOWING TOPS OF DIESEL ENGINES AT FAR NORTH END, PRIOR TO INSTALLATION OF STEAM UNIT NO. 4. Ca. 1948

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- AZ-20-23 STEAM PLANT TURBINE DECK FROM NORTH END OF BUILDING, SHOWING FOURTH STEAM UNIT IN PLACE AT FAR SOUTH END. April 6, 1950
- AZ-20-24 REMOVING CASE ON STEAM UNIT NO. 3 FOR MAINTENANCE OR REPAIR. June 9, 1953
- AZ-20-25 CONTROL BOARD FOR STEAM PLANT ORIGINAL BOILERS. Dated pre-1955
- AZ-20-26 MOBILE STEAM UNIT LEASED FROM U.S. NAVY. June 30, 1946
- AZ-20-27 MOBILE STEAM UNIT IN PLACE ADJACENT TO CROSSCUT STEAM PLANT AND SWITCHYARD. Ca. 1946
- AZ-20-28 INTERIOR OF MOBILE STEAM UNIT. July 16, 1946

Note: Nos. AZ-20-29 through AZ-20-32 are photocopies of drawings, the originals of which are located at SRP Files and Reproductions or Archives. All were produced by SRP Engineering Department personnel. (From 8x10 negatives)

- AZ-20-29 CROSSCUT FACILITY PROPERTY AND POWER LINE LOCATION, SHOWING INDIAN BEND POND LABELLED "SETTLING BASIN," STEAM/DIESEL PLANT AND OTHER FEATURES. 1951
- AZ-20-30 EXTERIOR ELEVATIONS AND ARCHITECTURAL DETAILS OF DIESEL PLANT. December 2, 1937
- AZ-20-31 EXTERIOR ELEVATIONS OF DIESEL PLANT. January 1937
- AZ-20-32 INTERIOR LAYOUT PLAN OF CROSSCUT STEAM AND DIESEL PLANT, TRACED FROM DRAWING BY C.C. MOORE AND CO., ENGINEERS. July 1947

Note: Photographs Nos. AZ-20-33 and AZ-20-34 are photocopies of photographs, the originals or prints of which are found in SRP Archives; no individual photographers known but are assumed to be produced by SRP. Both are 8" x 10" enlargements from 4" x 5" negatives.

- AZ-20-33 CONSTRUCTION OF FOUNDATION FOR ORIGINAL CROSSCUT DIESEL PLANT BUILDING, LATER ENLARGED TO HOUSE STEAM GENERATING EQUIPMENT. November 23, 1937
- AZ-20-34 CONSTRUCTION OF FRAME FOR ORIGINAL CROSSCUT DIESEL PLANT BUILDING. February 12, 1938