Glen Canyon Unit--C.R.S.P.

Unit 1 of the powerplant. The stator has been set on the sole plates and is being bolted together.


F. Finch
Glen Canyon Unit--C.R.S.P.


F. Finch
Glen Canyon Unit-C.R.S.P.


2-6-64

F. Finch
Glen Canyon Unit--C.R.S.P.
2-7-64 F. Finch
Glen Canyon Unit--C.R.S.P.--Transmission Line Division.

View northward at Tower No. 437, Station 4825+10, Type V, tubular steel, guyed V-frame structure, showing detail at right side guy anchor. Structure temporarily guyed by use of preformed guy grips. Permanent Fuege type guy terminals are shown on top of anchor. Contractor: Construction Helicopters, Inc., Contract No. 14-06-D-4897. Specs. No. DC-5953. Feature: Experimental Section - Glen Canyon-Shiprock 230-KV Trans. Line. 2-10-64

F. Finch
Glen Canyon Unit--C.R.S.F. - Transmission Line Division.


F. Finch 2-10-64
Glen Canyon Unit - C.R.S.P. - Transmission Line Division.
Tower No. 435, Station 4801+50, Type V, tubular steel, guyed V-frame structure showing structure legs setting on centerline foundation. Structure ground wires protruding from concrete at either side. Structure being supported by crane. Guys on ground in background. Contractor: Construction Helicopters, Inc., Contract No. 14-06-D-4897. Specs. No. DC-5953. Feature: Experimental Section of Glen Canyon-Shiprock 230-KV Transmission Line. 2-10-64 F. Finch
Glen Canyon Unit--C.R.S.F.--Transmission Line Division.
2-10-64
F. Finch
Glen Canyon Unit--C.R.S.P.--Transmission Line Division.

Glen Canyon Unit--C.R.S.P. - Transmission Line Division.


F. Finch
Glen Canyon Unit--C.R.S.P.--Transmission Line Division.

View northeastward at Tower 437, Station 4835+10, Type V, tubular steel, guyed V-frame structure, showing structure on foundation, temporarily guyed and linemen have just dropped lifting slings. Ladder used for access to lower step bolts. Contractor: Construction Helicopters, Inc., Contract No. 14-06-D-4897. Feature: Experimental Section of Glen Canyon-Shiprock 230-KV Trans. Line.

Specs. No. DC-5953. F. Finch
Glen Canyon Unit, Transmission Line Division. - C.R.S.P.
3-12-64
F. Finch
Glen Canyon Unit--C.R.S.F. - Transmission Line Division.
3-12-64  F. Finch
View westward at 115-KV area, take-off structures, on "B" line, at right, cable trench and 115-KV oil circuit breakers near center, 115-KV switches and main bus structure at left. Contractor: Reynolds Electrical and Engineering Company, Contract No. 14-06-D-4694, Specs. No. DC-5907.

Feature: Shiprock Substation, Stage 01. 3-12-64  F. Finch
Glen Canyon Unit--C.R.S.P. - Transmission Line Division.
View south of east as 100/133/167 MVA autotransformer begins moving onto San Juan River bottom area.
3-12-64  F. Finch
Glen Canyon Unit--C.R.S.P. - View southward as 100/133/167 MVA autotransformer begins moving toward diversion dam in San Juan River. Contractor: Reynolds Electrical and Engineering Co., Subcontractor: Southwestern Transfer Co., Inc., Contract No. 11-05-D-6694. Specs. No. DC-5907. Feature: Shiprock Substation, Stage 01. 3-12-64 F. Finch
Glen Canyon Unit--C.R.S.P. - Transmission Line Division
View southward as tractor, trailer and autotransformer are parked on plywood covered landing mats while diversion of San Juan River is changed from north to south end of diversion dam. Contractor: Reynolds Electrical and Engineering Co., Subcontractor: Southwestern Transfer Co., Inc.
3-12-64 F. Finch
Glen Canyon Unit--C.R.S.P. - Transmission Line Division.

View northwestward showing 100/133/167 MVA autotransformer parked on diversion dam. San Juan River has been diverted to south end of dam and dozers are closing north side diversion channel.


3/12/64 F. Finch
P 557-420-09526  Glen Canyon Unit--C.R.S.P. - Transmission Line Division.


3-12-64  F. Finch
Glen Canyon Unit--C.R.S.P. - Transmission Line Division.
View south of west. 100/133/167 MVA autotransformer moving onto north bank of San Juan River.
3-12-64 F. Finch
P 557-420-0931 Glen Canyon Unit--C.R.S.P. - Transmission Line Division.
View northward as 100/133/167 MVA autotransformer moves northward from San Juan River over
stabilized roadway. Contractor: Reynolds Electrical and Engineering Co.; Subcontractor:
Substation, Stage 01. 3-12-64 F. Finch
Glen Canyon Unit--C.R.S.P. - Transmission Line Division.
Making electrical connections on the stator of Generator No. 1.

Contractor: General Electric
3-19-64 A. E. Turner
Glen Canyon Unit--C.R.S.P.
Rotor of Generator No. 1 being lowered to its position inside the stator. Contractor: General Electric Company, Contract No. 14-06-J-3076. Invitation No. 26-5582. 3-30-64  F. Finch
Glen Canyon Unit--C.R.S.P.

Glen Canyon Unit-C.R.S.P.

Half track type equipment used for sleeving of conductor and overhead ground wires. Winch on front is used to hold conductors under tension while sleeves are being made. Note Alcoa 100-ton Model H2H hydraulic compressor mounted at left rear of truck bed. Contractor: Ets-Hokin and Galvan, Inc.


F. Finch
Glen Canyon Unit--C.R.S.P.
Fixed wheel Gate No. 8 being moved to its position in Block 7 by the 155-ton gantry crane. Contractor: Merrill-Chapman and Scott Corp. Contract No. 14-M-0-2403. Specs. No. DC-4825. 4-20-64 F. Finch
Glen Canyon Unit--C.R.S.P.

View of the dam from upstream. Note that the batch plant has been removed except for minor clean-up. Contractor: Merritt-Chapman and Scott Corp. Contract No. 14-06-D-2403. Specs. No. DC-4825.

6-3-64

F. Finch
Glen Canyon Unit--C.R.S.P.
Generator No. 1 with thrust bearing oil cooler unit and exciter support installed. Contractor:
General Electric Company Contract No. 14-06-D-3876. Invitation No. DS-5522. 6-3-64 F. Finch
Glen Canyon Unit—C.R.S.P.

Erection of rim Tower C3-T1. Towers C1-T1 and C2-T1 have been erected. Contractor: Ets-Hokin and Galvan, Inc.


6-3-64

F. Finch
Note three phases of transformer circuit which have been strung between Tower C1-T1 and the transformer take-off bracket. Contractor: Ets-Hokin and Galvan, Inc.
6-3-64
F. Finch
Glen Canyon Unit - C.R.S.P.

Rotors in place on rotor brakes of Generator No. 2. Contractor: General Electric Company, Contract No. 14-06-D-3876. Invitation No. D8-5522. 6-17-64 F. Finch
Glen Canyon Unit--C.R.S.P.
View of dam from upstream. Rim towers and switchyard in background.

Contractor: Merritt-Chapman
6-17-64
F. Finch
Glen Canyon Unit--C.R.S.P.

Conductor and overhead ground wire strung for transformer circuit from Tower C4-T2 to C4-T1. Contractor: Ets-Hokin and Galvan, Inc. Contract No. 14-C6-D-4429. Specs. No. BC-5750. 6-17-64

F. Finch
View northwesterly showing Tower No. 7 removed from footing at Station 76+30. Right tower footings have been removed and footings for left tower have been drilled preparatory to blasting. Note steel cages for footing stems, at Station 76+80, in background. Air obstruction painting in progress at left. Contractor: Sta-Hokin and Galvan, Inc. Contract No. 11-CG-D-4456. Specs. No. DC-5766. Feature Glen Canyon-Flagstaff 345-KV Transmission. 5-10-64  F. Finch
Glen Canyon Unit--C.R.S.P.
6-24-64  F. Finch

6-24-64

F. Finch
Glen Canyon Unit--C.R.S.P.

Transformer circuits No. 1 and No. 2 from the rim towers to the takeoff bracket on the transformer deck of the powerplant.


Specs. No. DC-5790. 6-22-64  F. Finch
The upper bearing bracket has been set in place on the stator of Generator No. 2. Contractor: General Electric Company, Contract No. 14-06-D-3575. Invitation No. DS-5522. 6-24-64 F. Finch
Glen Canyon Unit - C.R.S.P.

Glen Canyon Unit--C.R.S.P.
Looking upstream at Glen Canyon Dam and Powerplant. Contractor: Merritt-Chapman and Scott Corp.
6-24-64 F. Finch
Glen Canyon Unit--C.R.S.P.

View of the bridge, powerplant and dam. Transformer circuits 1, 2 and 3 can be seen from the right rim towers to the take-off bracket on the transformer deck of the powerplant. Contractor: Ets-Hokin and Galvan, Inc. Contract No. 14-05-D-4429. Specs. No. DC-5750. 7-1-64 F. Finch
View through the power plant with Generator No. 2 in foreground. Contractor: General Electric Company, Contract No. 14-09-D-3875. Invitation No. DS-5922. 7-1-64 P. Finch
Glen Canyon Unit--C.R.S.P.

Laminations being stacked on the rotor of Generator No. 3. Contractor: General Electric Company.


7-1-64 F. Finch
Glen Canyon Unit, Colorado River Storage Project, Arizona-Utah.
Up shot on rim tower Cl-T1.
Glen Canyon Unit, Colorado River Storage Project, Arizona-Utah.

Rim tower Ch-Tl, showing conductors from transformers going across canyon. 10-20-64  F. S. Finch
557-420-10287 Glen Canyon Unit, Colorado River Storage Project, Arizona-Utah.
Up shot on Rim Towers C3-T1, C2-T1, and C1-T1.  10-20-64  F. S. Finch
Glen Canyon Unit--Colorado River Storage Project, Arizona-Utah.

Looking down on Glen Canyon Dam, Bridge, and Powerplant. Note rim towers on west canyon rim.

10-21-64

F. Finch
Glen Canyon Unit--C.R.S.P.

Aerial view of Lake Powell, Glen Canyon Dam and associated works with a portion of the town of Page at upper left. 10-21-64  F. Finch
Glen Canyon Unit, Colorado River Storage Project, Arizona-Utah.
Rim towers C3-T1, C2-T1, and C1-T1 as seen from Glen Canyon Bridge.
Glen Canyon Unit, Colorado River Storage Project, Arizona-Utah.
Looking west across canyon to switchyard.
10-27-64
F. S. Finch
Glen Canyon Unit, Colorado River Storage Project, Arizona-Utah. Looking across rim towers to Glen Canyon Dam and Bridge.

10-27-64  F. Finch
Glen Canyon Unit, Colorado River Storage Project, Arizona-Utah.
C2-TI tower with Glen Canyon Bridge in background. Conductors going down to transformers.

10-26-64
F. S. Finch
Glen Canyon Unit, Colorado River Storage Project, Arizona-Utah.
C3-21 Rim Tower with Glen Canyon Dam and Bridge at right.
10-26-64
F. S. Finch
Glen Canyon Unit, Colorado River Storage Project, Arizona-Utah, C2-T1 Rim Tower as seen from switchyard. 10-25-64  F. S. Finch
Glen Canyon Unit, Colorado River Storage Project, Arizona-Utah. Rim towers C1-T1, C2-T1, and C3-T1 with Glen Canyon Dam and Bridge at right.

F. S. Finch
View through the powerhouse at Units 7 through 1. Turbine runners and guide bearings in foreground of Unit 6 with valve gates in background.

10-28-64

F. Finch

Contractor: Ebasco Corporation
Project No.: 14-66-D-1649
Applicant No.: 63-5750
View through the powerhouse at Indian 7 through 1.
Turbine room and guide bearing in foreground
of Unit 6 with closed gates in background.
10-28-64

Project/Client: Ebasco Services Inc.
Location: New York Power Plant

P. Finch
Boring rig in place in Unit 6. The lower stationary seal ring seat has been bored and the seal ring seated in place and machined.

Contractor: Nowinski Corporation.
Contract No.: 14-00-D442.
Specifications No.: D-2750.
Page 138: Glen Canyon-Page 138-KV Transmission Line

Glen Canyon Unit -- D.R.S.P. -- Transmission Division

View northward. Structure No. 0/2, Station 9+13.4, EK equals 9+01.4 AED, Type TL-50.
Structure No. 0/1, Station 4+83.4, Type TL-50

10-30-64 F. Finch
Contractor: Construction Helicopters, Inc.
Contract No.: 14-06-B-5043
Specifications No.: DC-5050
View northeastward. Structure No. 0/7, Station 41+02.4, Type 3AB.

Contractor: Construction Helicopters, Inc.
Contract No.: 14-06-D-5013
Specifications No.: 12-6030

P57-420-10634 NA
Glen Canyon Unit - C.A.S.P. - Transmission Division

View Southeastward. Structure No. 1/5, Station 3+00, Type II, Structure 1/6, Station 99+99, Type 3A to right of center. Glen Canyon-Hoprock 230-KV line in background.
10-10-64 F. Finch
Contractor: Construction Helicopters, Inc.
Contract No.: 1A-36-D-5043
Specifications No.: DC-6050
Glen Canyon Unit -- C.S.P. -- Transmission Division

View northeastward, Structure No. 2/3, Station No. 100+96.3, Type 3T. A section of the City of Page and Page water tower in background. Glen Canyon-Shuprock 230-KV line to right.

10-30-64

Contractor: Construction Helicopters, Inc.

 Specifications No.: DC-6030

Project: Glen Canyon-Page 138-KV Transmission Line
Glen Canyon Unit

Looking down on powerplant and parking area.
11-1-64
F. Finch

Contractor: H. Kokin Corporation
Contract No.: 14-66-2-4629
Specifications, R. 1: CN 5750
Stator sections of Unit No. 5 being bolted together.

F. Finch
Contractor: General Electric Company

Project: H-96-D-397
Invitation No.: 88-926

11-4-64
Top plates are being installed on thrust bearing cooler tubes on Generator No. 4.
-11-12-64
Contractor: General Electric Company
Contract No.: 14-6-1-3776
Instruction No.: 2E-510.
Glen Canyon Unit - B.P.H.P.

View across transformer deck toward right abutment. Workmen install transformer deck toward right abutment. Workmen install 345-kV bushing in transformer No. 3 in the K3A bank. 11-12-64  F. Finch
Glen Canyon Unit

Lowering high voltage bushing into transformer

K3A1
11-12-64

Contractor: Peco-Robin Corporation
Contract No.: 14-66-2-J-49
Specifications No.: 20-5750

P-557-420-10357 NA
View through the switchyard with relay towers in background. The left tower is 260 feet high. This belongs to Arizona Public Service Company. U.S.R.R. tower on right is 400 feet high. 11-17-64 F. Finch
View of the Rotor 7 stator for Generator No. 5. Connections between the pole pieces are being made. Contractor: General Electric Company, Contract No. 14-06-0-3975, Invitation No. DS-5522.

12-2-64 F. Finch
Glen Canyon Unit-C.R.S.P.
View through the power plant at Units 7 through 1. The runner and turbine head cover plates for Unit 7 at lower right. Contractor: Ets-Hokin Corporation, Contract No. 14-66-3-K429.
Specs. No. DC-5750.
12-2-64
F. Finch
Glen Canyon Unit--C.R.S.P.

View into the pit of Unit 6 at the turbine shaft, operating ring and wicket gate linkages.


12-3-64

F. Finch
Glen Canyon Unit--C.R.S.P.
One section of the stator of Generator No. 6 set on the sole plates. The other two sections have also been placed. Contractor: General Electric Company, Contract No. 14-06-3-3076, Invitation No. 85-3969.
12-9-64
P. Finch
The rotor being installed in Unit 5 by use of the lifting beam and the two 300-ton power plant cranes. Contractor: General Electric Company, Contract No. 14-06-D-3675.

Invitation No. DS-5522.

12-5-64

F. Finch
Glen Canyon Unit--C.R.S.P.

Rotor for Generator No. 5 being set in place by use of the lifting beam and the two 300-ton power plant cranes. Contractor: General Electric Company, Contract No. 14-06-D-3876.

Invitation No. BS-5522. 12-8-64 F. Finch
The rotor has been set in place in Generator No. 5. Contractor: General Electric Company, Contract No. 14-06-D-0372. Invitation No. DE-5522 12-9-64 F. Finch
Glen Canyon Unit—C.R.S.P.
Aluminum shielding under reactor bank in Unit 8 being modified to make it continuous under the three stacks of reactors. Contractor: Ets-Hokin Corporation. Contract No. 14-06-5-4529. Specs. No. DC-3790. 12-17-64 F. Finch
View of Generators 1, 2 and 3 all three of which are generating power.
12-23-64

Contractor: General Electric Company
Contract No.: 14-03-5-4378
Invitation No.: 50-5522
Glen Canyon Unit-C.R.S.P.

View of generator 4 through 1. Generator No. 4, in foreground, is scheduled for operation in February 1965. Internal wiring is being installed and clean-up is in progress.

12-23-64

Contractor: General Electric Company

Invitation No.: 53-592

P. Finch
View through the powerplant as Units 7 through 1. Doweling of the turbine head cover is in progress in Unit 7, in foreground.

F. Pinch

Contractor: Ebasco Services Inc.
Contract No.: 14-X1-B-4409
Specifications No.: P-2752
Glen Canyon Unit - C.R.S.P.

View through the powerplant at Units 6 through 1. The stator in the foreground, Unit 6, is being centered and leveled.

12-30-64

F. Finch

Contractor: General Electric Company
Glen Canyon Unit--C.R.S.F.

View of the power plant from downstream. Higher water than usual in the tailrace is the result of increased flow to the reservoir which is being passed through Units 1, 2 and 3 and Outlet Gate No. 2. Contractor: Ets-Hokin Corporation, Contract No. 14-66-D-4429. Specs. No. DS-5750. 12-30-64. F. Finch