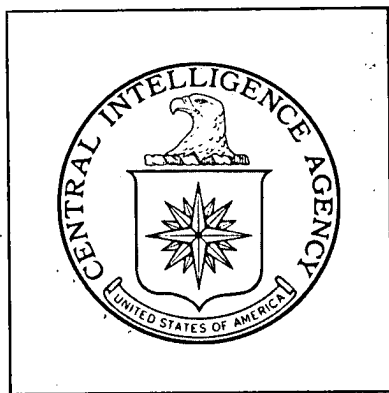


Top Secret



**DIRECTORATE OF
INTELLIGENCE**

**Industrial Facilities
(Non-Military)**

Basic Imagery Interpretation Report

Selected Chinese Power Plants



Top Secret

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RCS 13/0110/69

DATE MAY 1969

COPY 96
PAGES 18

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CENTRAL INTELLIGENCE AGENCY
Directorate of Intelligence
Imagery Analysis Service

RCS - 13/0110/69

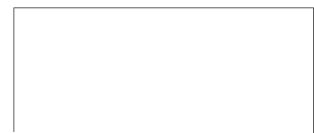


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PREFACE

This report contains information pertaining to 14 Chinese power plants. Data Block information is given for each of the 14 plants on the following pages. For each plant, a previously issued report is designated as the Basic Report, and the level of activity and photo references since the previous report are provided.

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TOP SECRET RUFF

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INSTALLATION OR ACTIVITY NAME		COUNTRY
Ching-chen Thermal Power Plant		CH
UTM COORDINATES	GEOGRAPHIC COORDINATES	WAC-PIC NO.
48RXE445355*	26-31-28N 106-26-55E*	0496-50
MAP REFERENCE		
15th RTS. USATC Series 200, Sheet M0496-10HL, 2nd edition, Oct 65, Scale 1:200,000 (SECRET)		
LATEST IMAGERY USED	NEGATION DATE (If required)	
	Not Required	

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NOTICE

The following report is designated as the Basic Report for this installation:

CIA. PIR 75004, Chinese Power Plants, Kweichow Province, July 1966,
[redacted] (TOP SECRET RUFF)

25X1

*NOTE: The geographic coordinates in the Data Block are from the Basic Encyclopedia. The correct geographic coordinates are 26-41-20N 106-38-40E, and the UTM coordinates are 48RXE640536. Action has been initiated through appropriate channels to have the BE corrected.

There has been no evidence of construction at this plant since August 1965, the date of the latest photography used in the referenced report. The operational status could not be determined due to the small scale of the photography.

REFERENCES

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Requirement

EXSUBCOM - BR-N/002-69

TOP SECRET RUFF

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TOP SECRET RUFF

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INSTALLATION OR ACTIVITY NAME	COUNTRY
Chu-yang Hydro Power Plant	CH

UTM COORDINATES	GEOGRAPHIC COORDINATES	WAC-PIC No.
50SLT055916	38-44-40N 114-46-28E	0382-35A

MAP REFERENCE	
15th RTS. USATC Series 200, Sheet M0382-10HL, 3rd edition, July 67, Scale 1:200,000 (SECRET)	

LATEST IMAGERY USED	NEGATION DATE (If required)
	Not Required

NOTICE

The following report is designated as the Basic Report for this installation:

CIA. PIR 65150. Chinese Power Plants, Hopeh Province, June 1966
(TOP SECRET RUFF)

The name "Ting-hsien HPP" used in the referenced report has been changed to that shown in the Data Block.

Since August 1965, the date of the latest photography used in the referenced report, there has been no new construction at this plant. The plant appears complete; however, the operational status could not be determined due to the small scale of the photography.

REFERENCES

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Requirement

EXSUBCOM - BR-N/0002-69

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TOP SECRET RUFF

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INSTALLATION OR ACTIVITY NAME		COUNTRY
Han-kou Thermal Power Plant		CH
UTM COORDINATES	GEOGRAPHIC COORDINATES	WAC-PIC NO.
50RKJ372856	30-33-59N 114-15-52E	0493-38-1-1
MAP REFERENCE		
USATC Series 200, Sheet M0493-6HL, 4th edition, Jan 68, Scale 1:200,000 (SECRET)		
LATEST IMAGERY USED		NEGATION DATE (If required)
		Not Required

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NOTICE

The following report is designated as the Basic Report for this installation:

CIA. PIR 75015. Chinese Power Plants, Hupeh Province, July 1966, (TOP SECRET RUFF)

25X1

The plant is complete and there has been no construction since [redacted] the date of the latest photography used in the referenced report. No smoke was observed emanating from any of the stacks on the referenced photography. The plant has two transformers within the switching yard.

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REFERENCES

[Large empty rectangular box for references]

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Requirement

EXSUBCOM - BR-N/002-69

TOP SECRET RUFF

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TOP SECRET RUFF

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INSTALLATION OR ACTIVITY NAME		COUNTRY
Hsi-shui Hydro Power Plant (Pa-lien-ho)		CH
UTM COORDINATES	GEOGRAPHIC COORDINATES	WAC-PIC No
50RLJ5186	30-35-40N 115-26-40E	0493-90
MAP REFERENCE		
15th RTS. USATC Series 200, Sheet M0493-7HL, 2nd edition, July 1967, Scale 1:200,000 (SECRET)		
LATEST IMAGERY USED		NEGATION DATE (If required)
		Not Required

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NOTICE

The following report is designated as the Basic Report for this installation:

CIA. PIR 75015, Chinese Power Plants, Hupeh Province, July 1966,
(TOP SECRET RUFF)

25X1

The name "Pa-lien Hydro Power Plant" used in the referenced report has been changed to that shown in the Data Block.

Since February 1966, the date of the latest photography used in the referenced report, there has been no new construction at this plant. The plant has never been seen in operation, although it appears to be complete.

REFERENCES

25X1

Requirement

EXSUBCOM - BR-N/002-69

TOP SECRET RUFF

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INSTALLATION OR ACTIVITY NAME	COUNTRY
Huai-nan Thermal Power Plant	CH

UTM COORDINATES	GEOGRAPHIC COORDINATES	WAC-PIC No
50SNM022148	32-40-09N 117-01-22E	0386-32

MAP REFERENCE
 8th RTS. USATC Series 200, Sheet M0386-2IHL. 3rd edition. May 1968. Scale 1:200,000
 (SECRET)

LATEST IMAGERY USED	NEGATION DATE (If required)
	Not Required

NOTICE

The following report is designated as the Basic Report for this installation:

CIA. PIR 75013, Chinese Power Plants, Anhwei Province, July 1966,
 (TOP SECRET RUFF)

Poor quality imagery precluded additional detailed analysis of this plant since the previous report. Smoke was observed coming from two of the three stacks in November 1966 and November and December 1967, and from one stack in September 1968.

REFERENCES

[Large empty rectangular box for references]

Requirement

EXSUBCOM - BR-N/002-69

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TOP SECRET RUFF

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INSTALLATION OR ACTIVITY NAME		COUNTRY
Huang-shih Thermal Power Plant		CH
UTM COORDINATES	GEOGRAPHIC COORDINATES	WAC-PIC No
50RLJ151452	30-13-37N 115-04-37E	0493-29-B
MAP REFERENCE		
ACIC. USATC Series 200. Sheet M0493-11HL. 3rd edition. Nov 65. Scale 1:200,000 (SECRET)		
LATEST IMAGERY USED	NEGATION DATE (If required)	
	Not Required	

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NOTICE

The following report is designated as the Basic Report for this installation:

CIA. PIR 75015, Chinese Power Plants, Hupeh Province, July 1966,
 (TOP SECRET RUFF)

25X1

The BE number in the Data Block is correct; used
 in the referenced report is in error.

25X1

This plant is complete and there has been no construction since 1966, the date of the latest imagery used in the referenced report. Heavy smoke was seen coming from the stack serving the larger boilerhouse on all referenced imagery. No smoke was coming from the smaller boilerhouse on imagery of and it was obscured on. The larger boilerhouse and its generator hall each measure 130 by 60 feet. The smaller boilerhouse is 100 by 40 feet and its generator hall is 100 by 20 feet.

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REFERENCES

25X1

Requirement

EXSUBCOM - BR-N/002-69

-7-

TOP SECRET RUFF

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TOP SECRET RUFF

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25X1

INSTALLATION OR ACTIVITY NAME		COUNTRY
Kuan-hsien Hydro Power Plant (Yu-tsui)		CH

UTM COORDINATES	GEOGRAPHIC COORDINATES	WAC-PIC NO.
48RUK672319	31-00-22N 103-36-22E	0495-71

MAP REFERENCE
 15th RTS. USATC Series 200, Sheet M0495-7HL, 2nd edition, Dec 64, Scale
 1:200,000

LATEST IMAGER USED	NEGATION DATE (If required)
	Not Required

NOTICE

The following report is designated as the Basic Report for this installation:

CIA. PIR 75020, Chinese Power Plants, Szechwan Province,
 (TOP SECRET RUFF)

There has been no evidence of construction at this plant since it was first observed in July 1963. The site appears to have been abandoned.

REFERENCES

[Empty reference box]

Requirement

EXSUBCOM - BR-N/002-69

TOP SECRET RUFF

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INSTALLATION OR ACTIVITY NAME		COUNTRY
Lin-hsi Thermal Power Plant		CH
UTM COORDINATES	GEOGRAPHIC COORDINATES	WAC-PIC 25X1
50SPJ244978	39-43-10N 118-26-30E	0381-133A
MAP REFERENCE		
<input type="text"/> USATC Series 200, Sheet 0381-2HL, 2nd edition, Jan 64, Scale 1:200,000 (SECRET)		25X1
LATEST IMAGERY USED	NEGATION DATE (If required)	
<input type="text"/>	Not Required	

NOTICE

The following report is designated as the Basic Report for this installation:

CIA. PIR 65150. Chinese Power Plants, Hopeh Province, June 1966,
 (TOP SECRET RUFF)

25X1

Since December 1965, the date of the latest photography used in the referenced report, three stacks have been removed from the boilerhouse. There have been no other apparent changes to the power plant.

The plant appeared to be in operation on each of the referenced missions. In January and March 1968, vapor was emanating from two cooling towers; in September 1968, vapor was coming from all three cooling towers and smoke from two stacks.

REFERENCES

25X1

Requirement

EXSUBCOM - BR-N/002-69

TOP SECRET RUFF

25X1

TOP SECRET RUFF

25X1

INSTALLATION OR ACTIVITY NAME		COUNTRY
Lu-ta Heat and Thermal Power Plant No. 2 (Kan-ching-tzu)		CH
UTM COORDINATES	GEOGRAPHIC COORDINATES	WAC-PIC NO.
51SUD818128	38-57-34N 121-37-38E	0381-18-N2
MAP REFERENCE		
15th RTS. USATC Series 200, Sheet M0381-10HL, 3rd edition, May 67, Scale 1:200,000 (SECRET)		
LATEST IMAGERY USED		NEGATION DATE (If required)
		Not Required

25X1

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NOTICE

The following report is designated as the Basic Report for this installation:

CIA. PIR 75006. Chinese Power Plants, Liaoning Province, July 1966, (TOP SECRET RUFF)

25X1

There has been no new construction since January 1966, the date of the latest photography used in the referenced report. Smoke was observed emanating from two or more of the five stacks on each of the referenced missions, indicating that sections of the plant were in operation. The two boilerhouse sections combined measure 465 by 95 feet and the generator hall measures 550 by 85 feet.

REFERENCES

25X1

Requirement

EXSUBCOM - BR-N/002-69

TOP SECRET RUFF

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TOP SECRET RUFF

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25X1

INSTALLATION OR ACTIVITY NAME		COUNTRY
Shan-tan Thermal Power Plant		CH
UTM COORDINATES	GEOGRAPHIC COORDINATES	WAC-PIC NC
47SPN983937*	38-46-50N 101-16-15E*	0332-7-D
MAP REFERENCE		
ACIC. USATC Series 200. Sheet M0332-10HL, 2nd edition, Aug 68, Scale 1:200,000		
(SECRET)		
LATEST IMAGERY USED	NEGATION DATE (If required)	
	Not Required	

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NOTICE

The following report is designated as the Basic Report for this installation:

CIA. PIR 75010, Chinese Power Plants, Kansu Province, July 1966, (TOP SECRET RUFF)

25X1

*NOTE: The geographic coordinates shown in the Data Block and in the referenced report are from the Basic Encyclopedia. The correct geographic coordinates are 38-46-25N 101-04-30E, and the UTM coordinates are 47SPN813929. Action has been initiated through appropriate channels to have the BE corrected.

This plant is complete and there has been no construction since January 1965, the date of the latest photography used in the referenced report. The boilerhouse and generator hall dimensions are approximately 170 by 55 and 170 by 45 feet, respectively. One additional transformer was installed between January 1965 and August 1966.

Evidence of plant operation was observed as follows:

- Two spray ponds operating.
- Two spray ponds operating.
- Light smoke emanating from stack.

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There was an adequate stock of coal observed on all missions.

TOP SECRET RUFF

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INSTALLATION OR ACTIVITY NAME		COUNTRY
Supung-dong Hydro Power Plant and Dam (Suiho)		CH
UTM COORDINATES	GEOGRAPHIC COORDINATES	WAC-PIC No
5ITXE65479I	40-27-22N 124-57-46E	0290-80

25X1

MAP REFERENCE
 548th RTS. USATC Series 200, Sheet M0290-22HL, 4th edition, Sep 66, Scale 1:200,000
 (SECRET)

25X1

LATEST IMAGERY USED	NEGATION DATE (If required)
	Not Required

25X1

NOTICE

The following report is designated as the Basic Report for this installation:

CIA. PIR 75006, Chinese Power Plants, Liaoning Province, July 1966,
 (TOP SECRET RUFF)

25X1

Coordinates in the data block are correct; those in the referenced report (40-27-25N 114-52-40E) are in error.

This plant is complete and there has been no construction since February 1966, the date of the latest photography used in the referenced report. There was some turbulence in the tailrace on all referenced coverage, indicating that the plant was in operation.

REFERENCES

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TOP SECRET RUFF

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INSTALLATION OR ACTIVITY NAME		COUNTRY
Ta-tung Thermal Power Plant (Chiao-tou)		CH
UTM COORDINATES	GEOGRAPHIC COORDINATES	WAC-PIC
47SQL379936	36-57-00N 101-40-00E	0332-27A
MAP REFERENCE		
ACIC. USATC Series 200, Sheet M0332-20HL, 2nd edition, Aug 68, Scale 1:200,000 (SECRET)		
LATEST IMAGERY USED	NEGATION DATE (If required)	
	Not Required	

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NOTICE

The following report is designated as the Basic Report for this installation:

CIA. PIR 65147, Chinese Power Plants, Tsinghai Province, June 1966,
(TOP SECRET RUFF)

25X1

The coordinates in the Data Block are correct; those in the referenced report (36-54-40N 101-41-10E) are in error. The title in the referenced report, "Hsin-chen Thermal Power Plant," has been changed to that in the Data Block.

Additions to the boilerhouse and generator hall and a second stack were completed between March 1966, the date of the latest photography in the referenced report, and November 1967. A detailed analysis could not be made due to poor quality imagery. The plant was observed in operation only in November 1966 when smoke was observed emanating from the original stack.

REFERENCES

25X1

Requirement

EXSUBCOM - BR-N/002-69

TOP SECRET RUFF

25X1

TOP SECRET RUFF

25X1

INSTALLATION OR ACTIVITY NAME		COUNTRY
Tien-tsung-ta-wan Thermal Power Plant		CH
UTM COORDINATES	GEOGRAPHIC COORDINATES	WAC-PIC NO
47TPR033382	40-59-01N 100-13-31E	0287-1-RI
MAP REFERENCE		
15th RTS. USATC Series 200, Sheet 0287-16HL, 1st edition, May 62, Scale 1:200,000 (SECRET)		
LATEST IMAGERY USED	NEGATION DATE (If required)	
	Not Required	

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25X1

NOTICE

The following report is designated as the Basic Report for this installation.

CIA. PIR 75010, Chinese Power Plants, Kansu Province, July 1966, (TOP SECRET RUFF)

25X1

The plant name "Shuang-cheng-tzu TPP" used in the referenced report has been changed to that shown in the Data Block.

Since December 1965, the **date** of the latest photography used in the referenced report, there has been no new construction at this plant. The plant appears complete and operational; however, no smoke was observed emanating from the stack on the referenced photography. The dimensions of both the boilerhouse and generator hall are 115 by 100 feet.

REFERENCES

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INSTALLATION OR ACTIVITY NAME		COUNTRY	
Tung-kuan Hydro Power Plant and Dam (Hsin-an Chiang)		CH	
UTM COORDINATES	GEOGRAPHIC COORDINATES	COMIREX NO.	WAC-PIC
50RQT145628	29-28-54N 119-12-56E	None	0493-30
MAP REFERENCE			
2nd RTS. USATC Series 200, Sheet 0493-20HL, 3rd edition, Jan 68, Scale 1:200,000 (SECRET)			
LATEST IMAGERY USED		NEGATION DATE (If required)	
		Not Required	

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NOTICE

The following report is designated as the Basic Report for this installation.

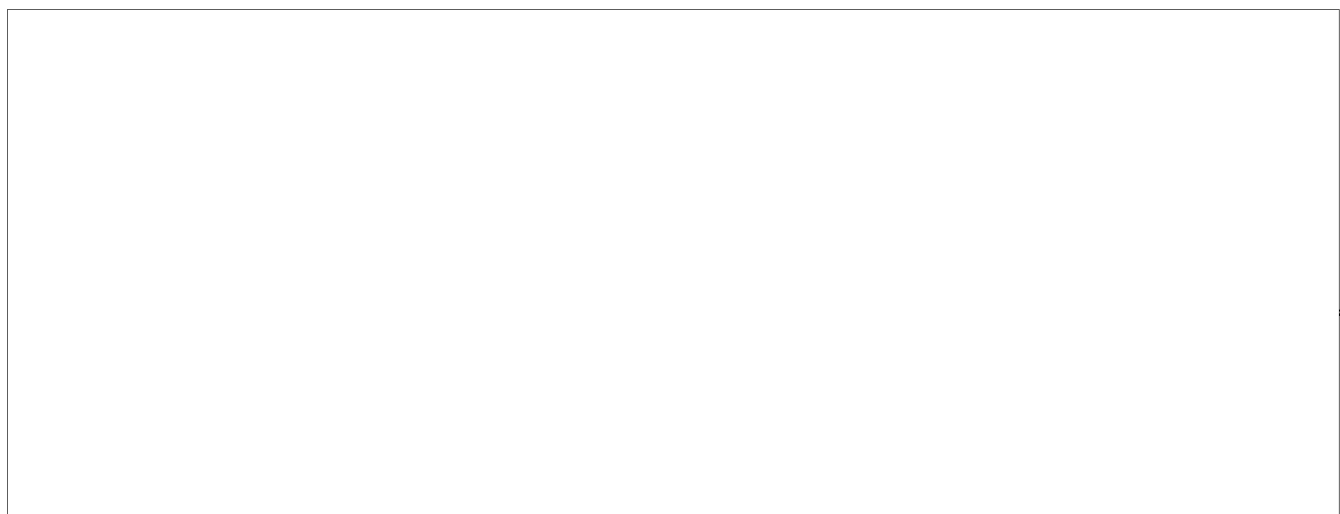
CIA. PIR 65140, Chinese Power Plants, Chekiang Province, May 1966, (TOP SECRET RUFF)

25X1

Since August 1965, the date of the latest photography used in the referenced report, there has been no new construction at this plant. Turbulence was observed in the tailrace on all of the referenced photography, indicating that sections of the plant were in operation.

REFERENCES

25X1



Requirement

EXSUBCOM - BR-N/002-69

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