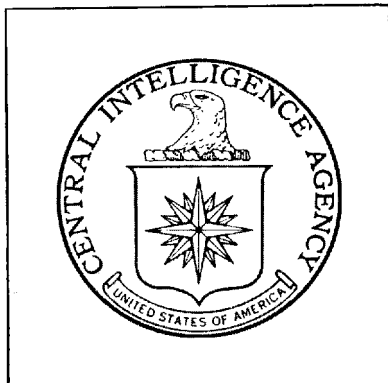


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DIRECTORATE OF
INTELLIGENCE

Industrial Facilities
(Non-Military)

Basic Imagery Interpretation Report

Major Electric Power Plants

Honan Province, China

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RCS RCS 13/0020/70
TCS TCS 16492/70
DATE FEBRUARY 1970

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CENTRAL INTELLIGENCE AGENCY
Directorate of Intelligence
Imagery Analysis Service

TCS - 16482/70
RCS - 13/0020/70

ABSTRACT

25X1D This report, based on [REDACTED] photography, covers the five major power plants in Honan Province, east-central China. It updates previous Basic Imagery Interpretation Briefs on the two power plants at Cheng-chou and one each at Lo-yang and San-men Hsia, and it provides the initial basic report on the An-yang Thermal Power Plant. The cutoff date for information in this report is [REDACTED]

25X1D Site preparation for construction of the An-yang Thermal Power Plant was first seen on photography of [REDACTED]

25X1D [REDACTED]

No construction or dismantling has been observed at the other four plants since the previous reports. On the latest coverage, the two Cheng-chou plants and the Lo-yang plant were operating. The San-men Hsia plant did not appear to be operating.

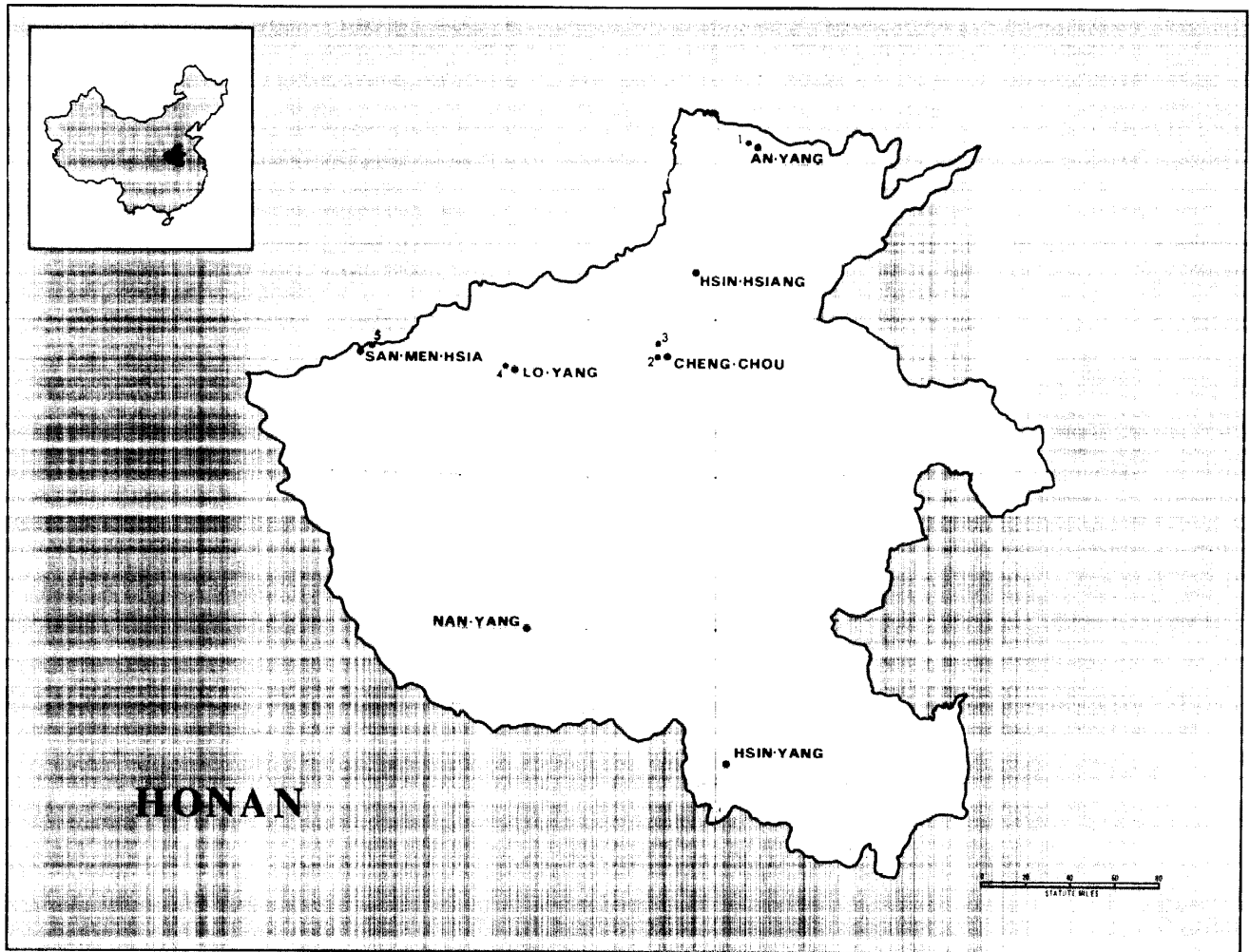


FIGURE 1. LOCATION MAP.

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TCS 16482/70

INTRODUCTION

This report presents information on the current status of each of the five major electric power plants in Honan Province.

The following list of the major electric power plants is keyed to Figure 1.

1. An-yang Thermal Power Plant
2. Cheng-chou Heat and Thermal Power Plant
3. Cheng-chou Thermal Power Plant
4. Lo-yang Thermal Power Plant
5. San-men Hsia Hydro Power Plant San-men Gorge

Requirement

COMIREX NO1
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INSTALLATION OR ACTIVITY NAME		COUNTRY
An-yang Thermal Power Plant		CH
25X1A UTM COORDINATES	GEOGRAPHIC COORDINATES	
50SKR540005	36-07-30N 114-16-20E	
MAP REFERENCE		
USATC, Series 200, Sheet M0382-24HL, 3rd ed, Aug 67, Scale 1:200,000 (SECRET/No Foreign Dissem)		
LATEST IMAGERY USED		NEGATION DATE (if required)
		NA

BASIC DESCRIPTION

The An-yang Thermal Power Plant is located 4 nautical miles (nm) west-northwest of An-yang, adjacent to the An-yang Iron and Steel Plant. It is rail served and is secured within a walled area approximately 1,900 by 1,300 feet.

Site preparation for construction of the power plant was first seen on photography of one boilerhouse was observed in operation.

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INSTALLATION OR ACTIVITY NAME		COUNTRY
Cheng-chou Heat and Thermal Power Plant		CH
25X1A	UTM COORDINATES	GEOGRAPHIC COORDINATES
	49SGJ364496	34-46-08N 113-35-49E
MAP REFERENCE		
25X1C	USATC, Series 200, Sheet 0385-9HL, 2nd ed, Nov 63, Scale 1:200,000 (SECRET/Controlled Dissem)	
LATEST IMAGERY USED		NEGATION DATE (If required)
25X1D		NA

BASIC DESCRIPTION

25X1D No changes have been observed at the Cheng-chou Heat and Thermal Power Plant since [REDACTED] the date of the latest photography used in the previous report.

25X1D The plant was operating in [REDACTED] Heavy smoke was emanating from the western stack and vapor from the two cooling towers. The two spray ponds were in operation.

REFERENCES

Imagery

25X1D

Document

25X1A

CIA. [REDACTED] Cheng-chou Heat and Thermal Power Plant, August 1968,
TCS 9816/68 (TOP SECRET RUFF)

INSTALLATION OR ACTIVITY NAME		COUNTRY
Cheng-chou Thermal Power Plant		CH
25X1A UTM COORDINATES	GEOGRAPHIC COORDINATES	
49SGJ356537	54-48-20N 113-35-15E	
MAP REFERENCE		
USATC, Series 200, Sheet 0385-9HL, 2nd ed, Nov 63, Scale 1:200,000 (SECRET/Controlled Dissem)		
LATEST IMAGERY USED		NEGATION DATE (If required)
NA		NA

BASIC DESCRIPTION

25X1D No changes have been observed at the Cheng-chou Thermal Power Plant since the date of the latest photography used in the previous report.

25X1D The plant was operating in Smoke was emanating from the stack, and the two spray ponds were in operation.

REFERENCES

Imagery

25X1D

Document

25X1A

CIA. Cheng-chou Thermal Power Plant, August 1968, TCS 9807/68
(TOP SECRET RUFF)

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TCS - 16492/70

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	INSTALLATION OR ACTIVITY NAME	COUNTRY
	Lo-yang Thermal Power Plant	CH
25X1A	UTM COORDINATES 49SFJ268383	GEOGRAPHIC COORDINATES 34-41-00N 112-22-50E
	MAP REFERENCE	
25X1C	USATC, Series 200, Sheet M0385-8HL, 2nd ed, May 66, Scale 1:200,000	
25X1C	(SECRET/No Foreign Dissem)	
	LATEST IMAGERY USED	NEGATION DATE (If required)
25X1D		NA

BASIC DESCRIPTION

25X1D No changes have been observed at the Lo-yang Thermal Power Plant since
the date of the latest photography used in the previous report.

25X1D The plant was operating in Heavy smoke was emanating from
the western stack, and all six spray ponds were in operation.

REFERENCES

Imagery

25X1D

Document

25X1A CIA. Lo-yang Thermal Power Plant, September 1968, TCS 10281/68
(TOP SECRET RUFF)

TOP SECRET RUFF

TOP SECRET RUFF

INSTALLATION OR ACTIVITY NAME		COUNTRY
San-men Hsia Hydro Power Plant and Dam San-men Gorge		CH
25X1A	UTM COORDINATES 49SEJ312545*	GEOGRAPHIC COORDINATES 34-49-45N 111-20-30E*
MAP REFERENCE USATC, Series 200, Sheet M0385-7HL, 2nd ed, Sep 68, Scale 1:200,000 (SECRET/No Foreign Dissem)		
LATEST IMAGERY USED		NEGATION DATE (if required)
25X1D		NA

*Action has been initiated to correct the UTM coordinates and the geographic coordinates in the Basic Encyclopedia to 49SEJ316550 and 34-50-00N 111-20-50E, respectively.

BASIC DESCRIPTION

25X1D No changes have been observed at the San-men Hsia Hydro Power Plant and Dam since the date of the latest photography in the previous report.

25X1D The plant did not appear to be operating in . Very little water was impounded behind the dam, and no turbulence was observed in the tailrace. However, the quality of the photography may have precluded the observation of turbulence. Turbulence was last observed at the tailrace on photography of . Since the previous report, the only activity seen at the dam has been changes in the position of the gantry cranes which raise and lower the spillway and powerhouse control gates.

REFERENCES

Imagery

25X1D

Document

25X1A CIA. San-men Hsia Hydro Power Plant (San-men Gorge), March 1969, TCS 18690769 (TOP SECRET RUFF)

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