

**DIRECTORATE OF
INTELLIGENCE**

**Industrial Facilities
(Non-Military)**

Basic Imagery Interpretation Report

**Selected Electric Power Plants
Kiangsu Province, China**

Top Secret

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Channels Only*

Declass Review by NIMA / DoD

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CENTRAL INTELLIGENCE AGENCY
Directorate of Intelligence
Imagery Analysis Service

ABSTRACT

This report updates previous basic reporting on three of the major electric power plants in Kiangsu Province, eastern China. It also includes initial basic reports on two other thermal power plants at Chen-chiang and Huai-yin. The cutoff date for information is [REDACTED]

Chen-chiang Thermal Power Plant Chien-pi-chen has been under construction since it was first observed in [REDACTED] it contained possibly six operational boilers and at least two more under construction.

Huai-yin Thermal Power Plant Ching Chiang was complete and operating when it was first observed in [REDACTED] A major expansion program, consisting of the construction of two additional boiler-generating units and a new coal handling and processing facility, was completed by [REDACTED]

[REDACTED] No changes were observed at Nan-ching Heat and Thermal Power Plant Ia-chang-chen.

[REDACTED]

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25X1D

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INTRODUCTION

A total of ten major electric power plants in Kiangsu Province have now been reported in Basic Imagery Interpretation Reports. This report fulfills the FY-72 requirement for updates and initial reports on the following facilities (see Figure 1).

1. Chen-chiang Thermal Power Plant Chien-pi-chen.
2. Huai-yin Thermal Power Plant Ching Chiang.
3. [REDACTED]
4. Nan-ching Heat and Thermal Power Plant Ta-chang-chen.

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Requirement

COMIREX N05
Support Number 422798

25X1D

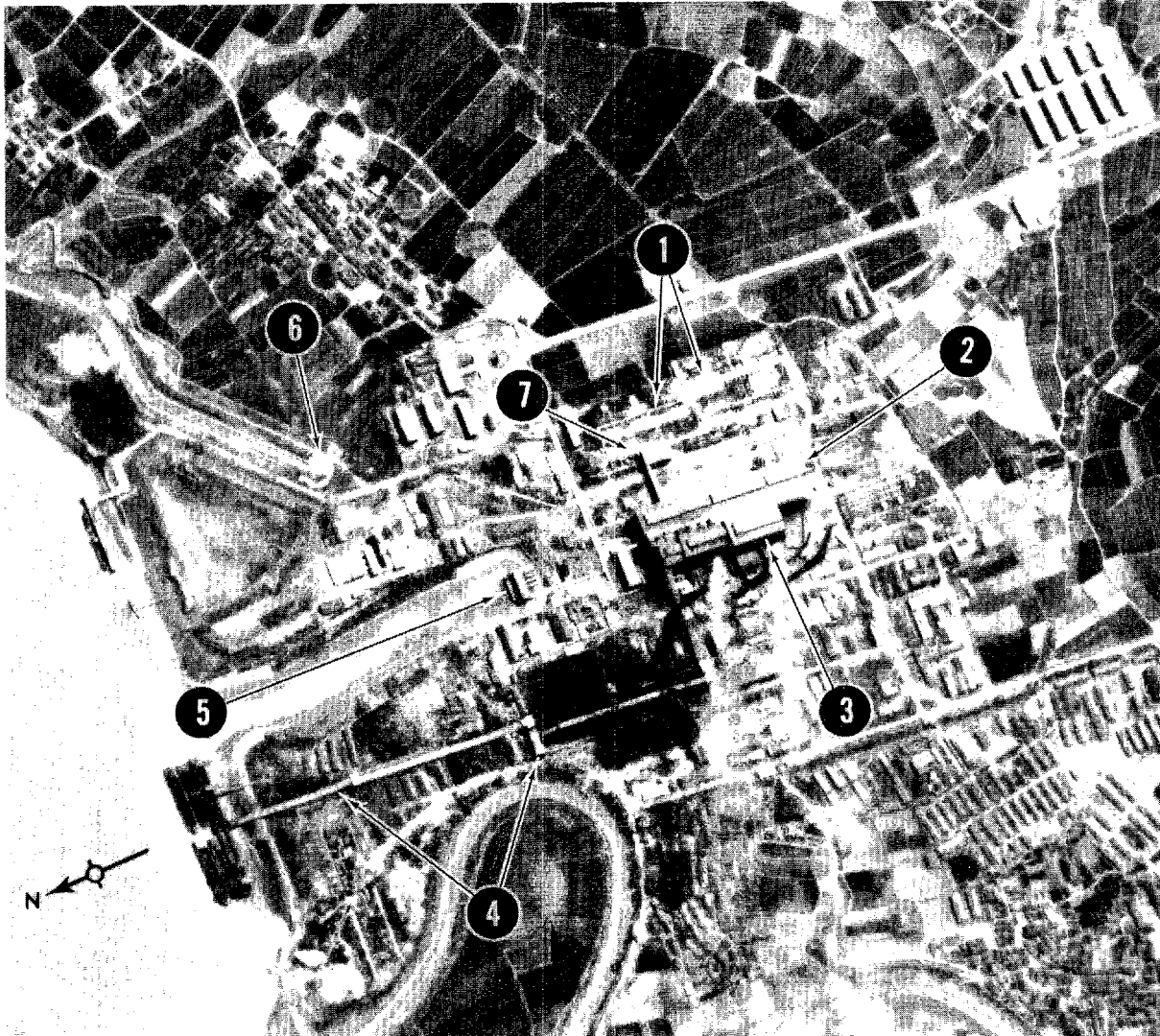


FIGURE 2. CHEN-CHIANG THERMAL POWER PLANT CHIEN-PI-CHEN,

25X1D

Key to Annotations		
Item	Description	Dimensions (ft)
1	Switching yard	630 x 225
2	Generator hall	500 x 95
3	Boilerhouse	375 x 130
4	Coal storage and handling facilities	
5	Water pumphouse	
6	Water discharge	
7	Control house	75 x 60

INSTALLATION OR ACTIVITY NAME		COUNTRY
Chen-chiang Thermal Power Plant Chien-pi-chen		CH
25X1A UTM COORDINATES	GEOGRAPHIC COORDINATES	[REDACTED]
50SQL428625	32-10-50N 119-34-30E	[REDACTED]
MAP REFERENCE		
[REDACTED]	USATC, Series 200, Sheet M0386-23HL, 4th ed, Aug 68, Scale 1:200,000 (SECRET/No Foreign Dissem [REDACTED])	
LATEST IMAGERY USED		NEGATION DATE (if required)
[REDACTED]		NA

BASIC DESCRIPTION

Chen-chiang Thermal Power Plant Chien-pi-chen is located on the south bank of the Chang Chiang (Yangtze River), about 7 nautical miles east-southeast of Chen-chiang. The plant is partially secured by a wall or fence. Coal is delivered to the plant by boat or barge. No rail lines enter the plant area.

25X1D In [REDACTED] the plant consisted of a boilerhouse with possibly six boiler units and at least two others under construction, a generator hall, a switching yard, a control house, coal storage and handling facilities, three stacks, and a water pumphouse (see Figure 2).

25X1D The plant was first observed under construction in [REDACTED] By [REDACTED] the northern stack and adjacent boilerhouse and generator hall were complete. The remaining portion of the generator hall and the middle portion of the boilerhouse were complete by [REDACTED]

25X1D The plant was first observed operating in [REDACTED] when smoke was coming from the northern stack. In [REDACTED] this stack was again observed emitting smoke. On the latest coverage in [REDACTED] the middle section of the boilerhouse had become operational and smoke was coming from the middle and northern stacks. The plant was not operating in [REDACTED]

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INSTALLATION OR ACTIVITY NAME			COUNTRY	
Huai-yin Thermal Power Plant Ching Chiang			CH	
25X1A	UTM COORDINATES 50SPN870177	GEOGRAPHIC COORDINATES 33-34-59N 119-00-59E	COMIREX NO. None	NIETB NO. None
MAP REFERENCE				
25X1C	[REDACTED] USATC, Series 200, Sheet M0386-18HL, 3rd ed, Mar 68, Scale 1:200,000			
25X1C	(SECRET/No Foreign Dissem [REDACTED])			
LATEST IMAGERY USED				
25X1D	[REDACTED]		NEGATION DATE (if required) NA	

BASIC DESCRIPTION

Huai-yin Thermal Power Plant Ching Chiang is located within the city of Huai-yin. The plant is partially secured by a wall or fence, and the two switching yards are totally secured by walls. Coal is delivered to the plant by boat or barge. No rail lines enter the plant area. (See Figure 3.)

25X1D On the most recent photography in [REDACTED] the plant consisted of three boilerhouses, three generator halls, four stacks, two switching yards, at least four transformers, a control house, a coal conveyor and storage facility, three fuel oil storage tanks, and a probable water treatment facility.

25X1D In [REDACTED] when the plant was first seen on photography, the northern and middle boilerhouses and corresponding generator halls were present.

25X1D [REDACTED]

25X1D [REDACTED] Except for one boiler unit and a generator, all of these components were complete and operational

25X1D [REDACTED] The boiler unit and generator may have become operational by [REDACTED]

25X1D [REDACTED]

25X1D The middle boilerhouse was observed operating on all referenced coverage [REDACTED] The

25X1D southern boilerhouse was operating in [REDACTED]

25X1D The northern boilerhouse has never been observed operating and may be used for standby purposes.

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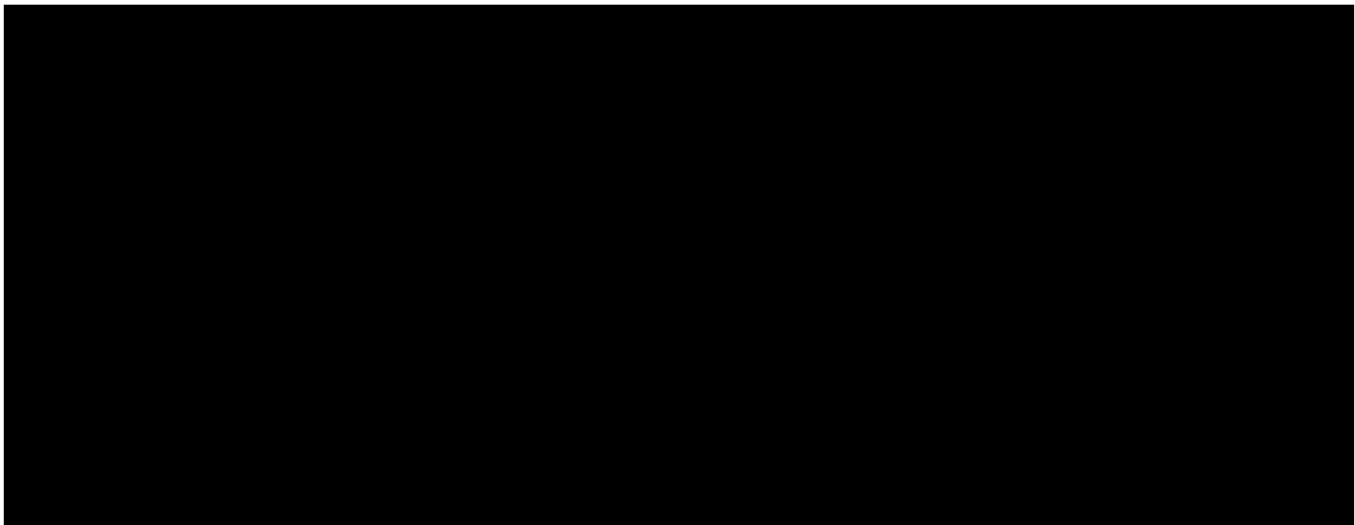
25X1D

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Key to Annotations

<u>Item</u>	<u>Description</u>	<u>Dimensions (ft)</u>	<u>Remarks</u>
25X1D	1 Coal handling and processing facilities	--	Completed by [REDACTED]
	2 Boilerhouses (3)	a. 115 x 55	Two boilers completed by [REDACTED]
25X1D		b. 125 x 75	Two boilers completed by [REDACTED]
25X1D		c. 155 x 105	One boiler completed by [REDACTED] one boiler completed by [REDACTED] (not shown on graphic).
25X1D	3 Generator halls (3)	a. 115 x 30	Completed by [REDACTED] (contains undetermined number of generators).
		b. 125 x 65	Two generators completed by [REDACTED]
25X1D		c. 155 x 80	Two generators completed by [REDACTED]
25X1D	4 Transformers (4)		Three installed [REDACTED] one installed by [REDACTED] (not shown on graphic).
25X1D	5 Switching yards (2)	175 x 160	
		145 x 110	
	6 Control house	80 x 40	
25X1D	7 Oil storage tanks (3)		[REDACTED]
	8 Probable water treatment facility		[REDACTED]

Imagery References



25X1D

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25X1D



FIGURE 5. NAN-CHING HEAT AND THERMAL POWER PLANT TA-CHANG-CHEN,

25X1D

INSTALLATION OR ACTIVITY NAME		COUNTRY
Nan-ching Heat and Thermal Power Plant Ta-chang-chen		CH
25X1A UTM COORDINATES	GEOGRAPHIC COORDINATES	
50SPL658655	32-12-48N 118-45-33E	
MAP REFERENCE		
25X1C	USATC, Series 200, Sheet M0386-22HL, 3rd ed, Sep 67, 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 Nan-ching Heat and Thermal Power Plant Ta-chang-chen since [redacted] the date of the latest imagery used in the previous report.

25X1D The plant was operating in [redacted] as indicated by smoke coming from the stack (see Figure 5).

Imagery Reference

25X1D [redacted]

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