

**Industrial Facilities  
(Non-Military)**

**DIRECTORATE OF  
INTELLIGENCE**

*Basic Imagery Interpretation Report*

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

**Top Secret**

*Handle via Talent-Keyhole  
Channels Only*

**Declass Review by NIMA / DoD**

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TCS 16261/72  
RCS 1370026/72

CENTRAL INTELLIGENCE AGENCY  
Directorate of Intelligence  
Imagery Analysis Service

ABSTRACT

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This report, based on [redacted] photography, updates previous basic reporting on three of the major electric power plants in Kwangtung Province, southern China. The cutoff date for information is [redacted]

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25X1D

The powerhouse for Ju-yuan Hydro Power Plant Nan Shui was identified for the first time on photography of [redacted]. It is located about 2.4 nm east of the earthen dam and just north of the location previously thought to be the site for the powerhouse. It can now be determined that the powerhouse was under construction in [redacted]

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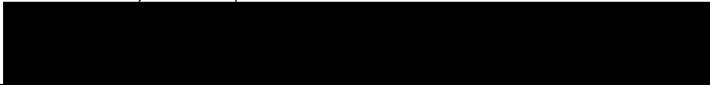
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INTRODUCTION

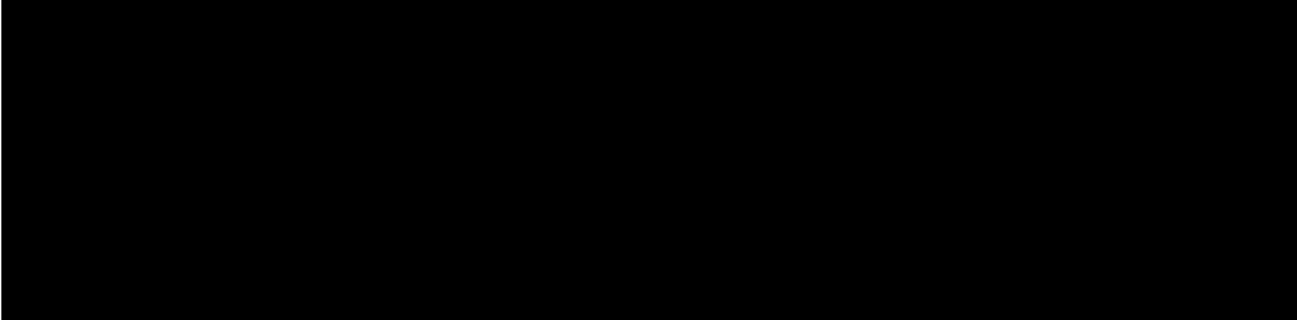
A total of seven major electric power plants in Kwangtung Province have now been reported in Basic Imagery Interpretation Reports. This report fulfills the FY-72 requirement for an update report on the following facilities (see Figure 1).

1. Ju-yuan Hydro Power Plant Nan Shui.

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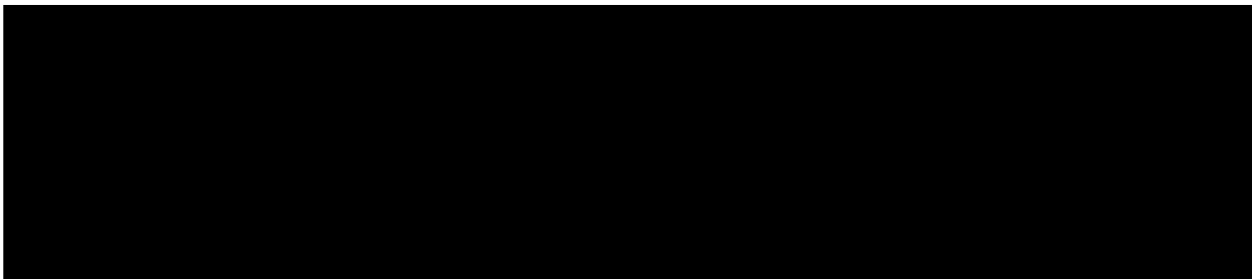
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Requirement

COMIREX NO5

Support Number 422791

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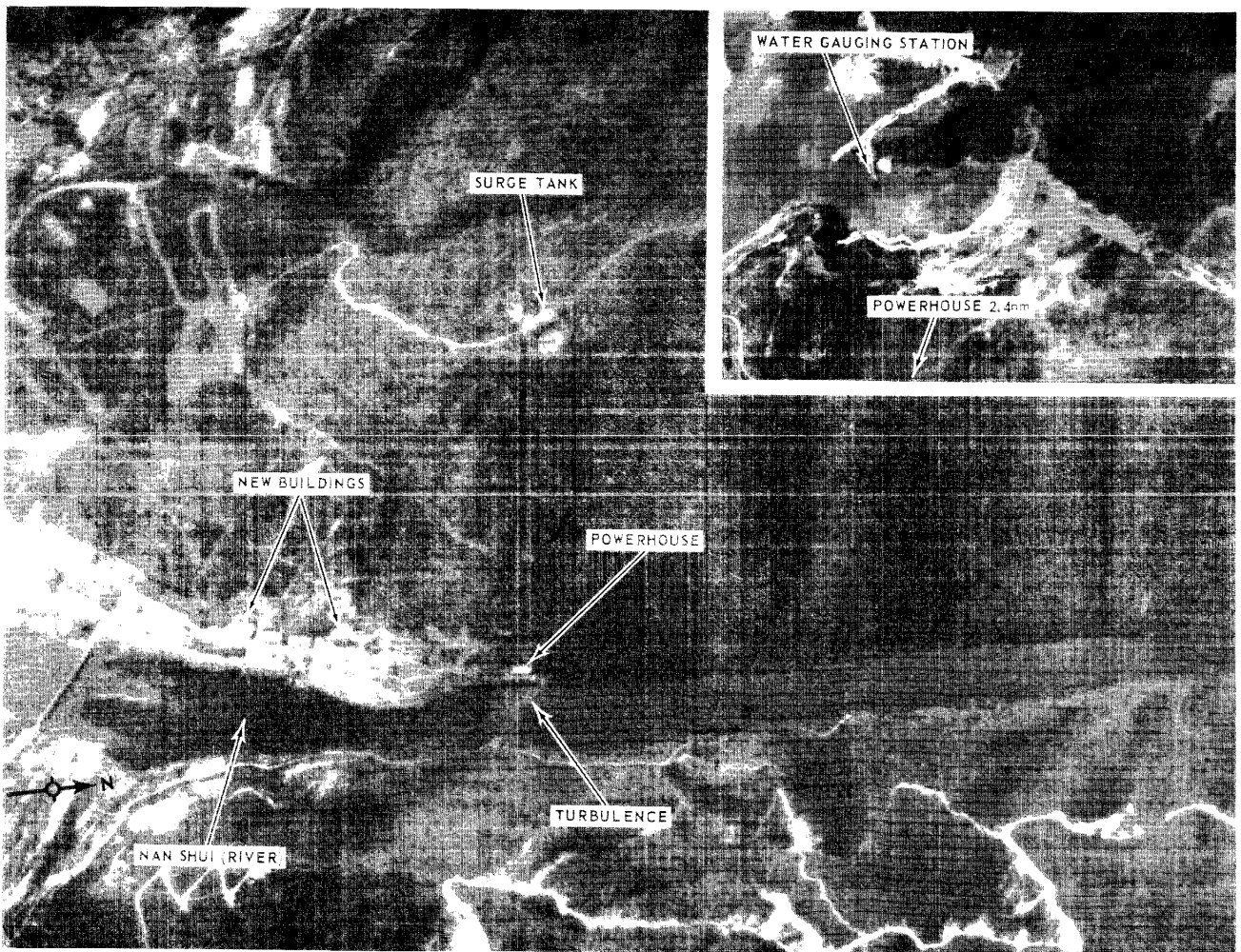


FIGURE 2. JU-YUAN HYDRO POWER PLANT, NAN SHUI, [REDACTED]

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INSTALLATION OR ACTIVITY NAME		COUNTRY
Ju-yuan Hydro Power Plant Nan Shui		CH
25X1A	UTM COORDINATES 49RGT237422	GEOGRAPHIC COORDINATES 24-46-50N 113-12-47E
MAP REFERENCE		
25X1C	USNOO. USATC, Series 200, Sheet 0498-21HL, 2nd ed, Sep 66, Scale 1:200,000 (SECRET/No Foreign Dissem)	
LATEST IMAGERY USED		NEGATION DATE (if required)
25X1D		NA

BASIC DESCRIPTION

25X1D Construction has been observed at Ju-yuan Hydro Power Plant Nan Shui  
25X1D since [redacted] the date of the latest photography used in the previous  
report. Photography in [redacted] revealed that a powerhouse and at least  
five small buildings have been constructed at the base of a hill about 2.4 nm  
east of the earthen dam (see Figure 2). This is just north of the previously  
reported site for the powerhouse. It can now be determined that construction  
of the powerhouse was under way in [redacted]

The powerhouse is apparently connected to the water supply by an  
underground conduit. There is a water intake located just upstream from  
the dam and a surge tank on the hill directly above the powerhouse. Water  
from the conduit is discharged into the Nan Shui (river) from outlets located  
beneath the powerhouse. The presence of a switching yard or transformers  
could not be determined, nor could any measurements of the plant components  
be made because of the small scale of the photography.

25X1D The plant was operating in [redacted] as indicated by turbulence in the  
tailrace below the powerhouse.

Imagery Reference

25X1D [redacted]

**Next 2 Page(s) In Document Exempt**

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