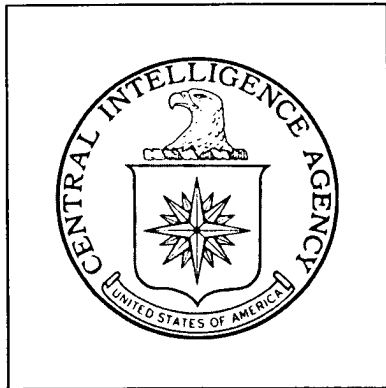


Top Secret



**Industrial Facilities
(Non-Military)**

**DIRECTORATE OF
INTELLIGENCE**

Basic Imagery Interpretation Report

Ssu-ping Chemical Plant

(BE Name: Ssu-ping Petrochemical Plant)

Ssu-ping, China



25X1



Top Secret

25X1

RCS	13/0008/70
DATE	MAY 1970
COPY	117
PAGES	5

Page Denied



TOP SECRET RUFF

CENTRAL INTELLIGENCE AGENCY
 Directorate of Intelligence
 Imagery Analysis Service

RCS-13/0008/70



25X1

25X1

INSTALLATION OR ACTIVITY NAME		COUNTRY
Ssu-ping Petrochemical Plant*		CH
UTM COORDINATES	GEOGRAPHIC COORDINATES	
51TXH130805	43-10-36N 124-23-05E	
MAP REFERENCE		
USATC, Series 200, Sheet M0290-6HL, 4th ed, Feb 68, Scale 1:200,000		
(SECRET [Redacted])		
LATEST IMAGERY USED	NEGATION DATE (If required)	
[Redacted]	NA	

25X1

25X1

25X1

25X1

*The installation name and category code given in the data block are from the Basic Encyclopedia. As a result of this study, action has been initiated to change the installation name to Ssu-ping Chemical Plant and the category code to 25000.

ABSTRACT

This installation is not a petrochemical plant. All available photography from May 1963 through August 1969 indicates that the plant produces chemical products, including bleaching powder and possibly vinylon synthetic fiber. It also reportedly produces hydrochloric acid, caustic soda, and acetylene. These chemicals may be produced in the two unidentified production areas in the plant, but the facilities for their production have not been identified on photography.

According to collateral information, the plant was originally built to produce and refine synthetic crude oil. This original plant was partially dismantled and then destroyed during the mid-to-late 1940's. When the present chemical plant was first observed on overhead photography in May 1963, most of the current production facilities were complete and operating, and they have been operating on all subsequent coverage. A modern chemical processing facility, possibly for vinylon, was constructed between May 1963 and November 1964. It was first seen operating in December 1966 and it has been operating on all subsequent photographic coverage.

This report includes an annotated photograph, a construction chronology, and a discussion of operational status.

25X1

-1-

TOP SECRET RUFF



TOP SECRET RUFF

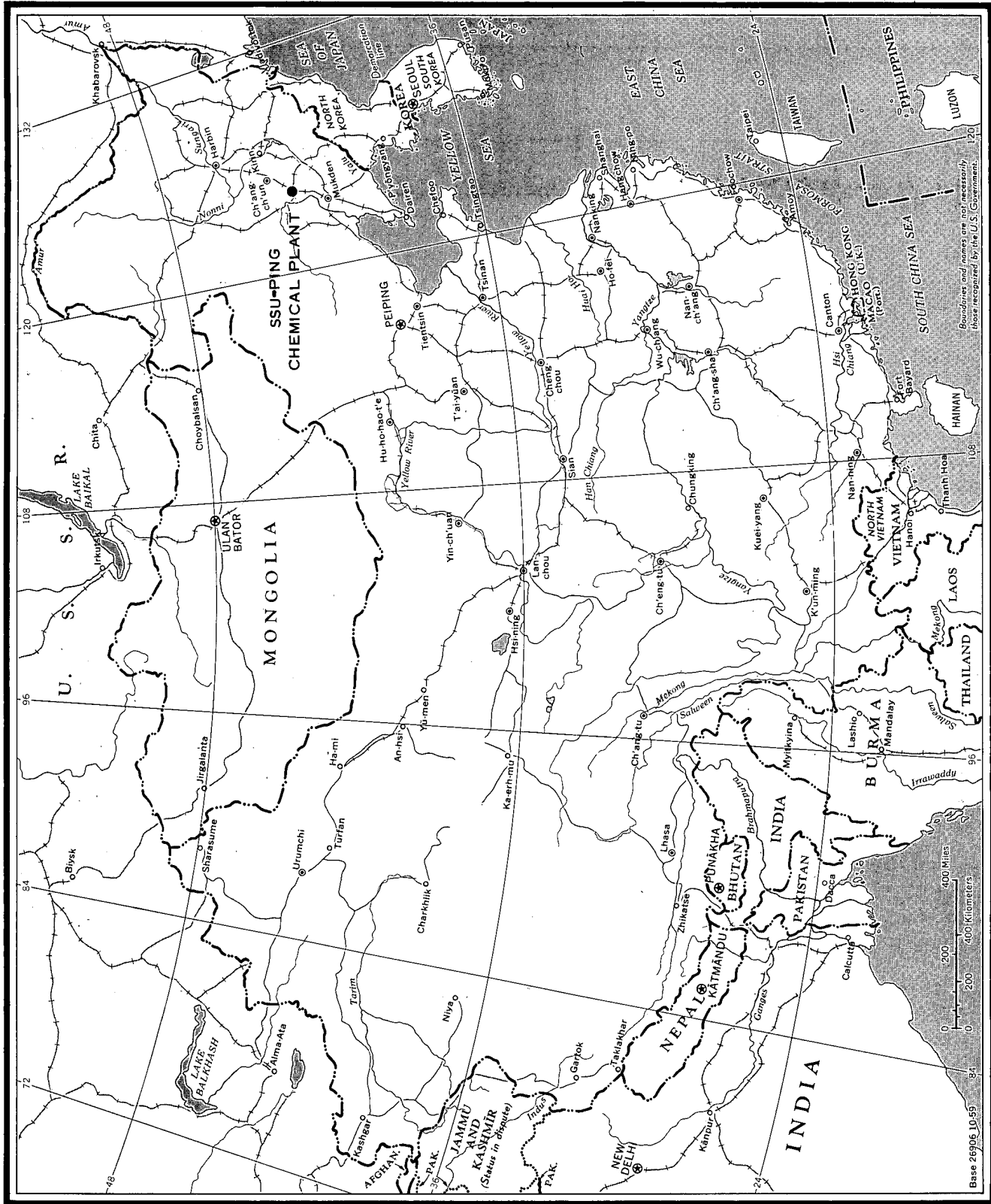


FIGURE 1. LOCATION MAP.

TOP SECRET RUFF

TOP SECRET RUFF

25X1
ZSAI

INTRODUCTION

This installation is located in the northeast section of Ssu-ping, Kirin Province (See Figure 1). Electric power is supplied by the regional grid through the Ssu-ping Transformer Station

25X1

According to collateral information, the plant was originally designed to produce and refine synthetic crude oil obtained by destructive distillation of coal. The facilities were reportedly complete and the plant was operating near the end of World War II. A large part of the production equipment was removed by the Soviets in late 1945, however, and the remaining plant facilities were destroyed as a result of fighting between Nationalist and Communist Chinese during 1946 and 1947. 1/ Collateral intelligence reports indicate that when the plant was reconstructed, it was no longer producing synthetic oil but instead was making chemical products. 2/ 3/ Only the remains of the former synthetic fuels plant have been seen on overhead photography.

BASIC DESCRIPTION

The plant occupies an irregular-shaped, walled area which measures about 4,400 by 3,400 feet and contains 345 acres. It is served by a good all-weather road system and by a spur from the Ssu-ping to Kuo-chia-tien rail line.

Facilities have been identified at the plant for the production of bleaching powder and possibly for vinylon. The bleaching powder production area contains Beckman towers where chlorine is combined with calcium and sodium hydroxides. A modern chemical processing facility which could be a synthetic fiber plant was built during the same time period in which collateral reports indicate a vinylon plant was constructed. 2/ 3/ Facilities to produce hydrochloric acid, caustic soda, and acetylene at the plant, reported by collateral information, cannot be confirmed from photographic analysis, but they possibly are located in the two unidentified production areas.

Most of the buildings and facilities were present when the plant was first seen on May 1963 photography. Between May 1963 and November 1964 the chemical processing facility and the steam plant were built. Since that time there have been only minor additions and modifications to the plant.

The possible vinylon plant was first seen in operation in December 1966 and has been observed operating on all subsequent coverage. The bleaching powder and other production facilities were operating when first seen in May 1963 and have been operating on all subsequent photographic coverage.

TOP SECRET RUFF

25X1

Page Denied



TOP SECRET RUFF



25X1

REFERENCES

25X1



Map



US Air Target Chart, Series 200, Sheet M0290-6HL. 4th edition.
February 1968, Scale 1:200,000 (SECRET)



25X1
25X1
25X1

Document

1. Air Force. Ssu-ping-chieh Oil Conversion Plant, 16 August 1956 (SECRET)

25X1

2. DOD. Installation of Japanese Vinylon Plant in Ssu-ping, Kirin Province, 11 February 1965, (Confidential)

25X1

3. DOD. Ssu-ping Chemical Plant, 29 August 1966, (Confidential)

25X1
25X1

Requirement

COMIREX NO2
Support Number 420119

TOP SECRET RUFF



25X1

Top Secret



Top Secret