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TCS - 1439/64-KH  
IB - 109/64  
3 March 1964  
Copy # 1

MEMORANDUM FOR: Chief, Resources Division, ORR

25X1A

ATTENTION : [REDACTED] R/FU

THROUGH : Chief, Requirements Branch, Reconnaissance Group, CGS

FROM : Chief, CIA/PID (NPIC)

SUBJECT : Novo Yaroslavl Petroleum Refinery, USSR

REFERENCES : (1) ORR Requirement No. C-RR3-80,504  
(2) CIA/PID Project No. C 1174/63 S 398/64

1. This memorandum is in response to the referenced requirement which asks for a description of the petroleum refinery at Novo Yaroslavl, USSR. This description is to include level of construction; correct geographic coordinates; estimation of aerial extent; enumerate the individual refining units in existence or under construction; and to provide an annotated photographic enlargement of the refinery.

2. The Novo Yaroslavl Petroleum Refinery is comprised of a series of units for the refining of crude oil, a heat and power plant, cracking units, distillation units, tank farm and a probable desalting unit.

25X1D Atmospheric emissions from various parts of the complex were observed on photography from KEYHOLE [REDACTED]. These observations would indicate the heat and power plant and refining units as a whole to be operational. The installation is both road and rail served.

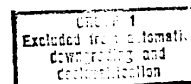
3. In general, expansion and development of the refinery appears to be in early stage of construction although some units are operating. The refinery covers an area approximately 8,300 feet wide by 15,000 feet long, and its coordinates are 57°32'N - 39°47'E.

25X1D 4. This study was conducted from KEYHOLE Mission [REDACTED] 25X1D  
25X1D [REDACTED] The enclosed photo enlargements were selected from these missions.

DECLASSIFICATION REVIEW BY NIMA / DoD

S-11584

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5. The photo analyst assigned to this project was [REDACTED] who may be contacted on extension 2934 should you have further questions regarding this project. This requirement is considered to be complete as of the date of this memorandum.

[REDACTED] 25X1A

Enclosures:

- 1 Map  
(CIA/PID/IB-P-405/64)
- 3 Annotated Photo Enlargements  
(CIA/PID/IB-P-406/64, P-407/64 and P-409/64)
- 1 Overlay  
(CIA/PID/IB-P-408/64)

GROUP 1  
Excluded from automatic  
downgrading and  
declassification

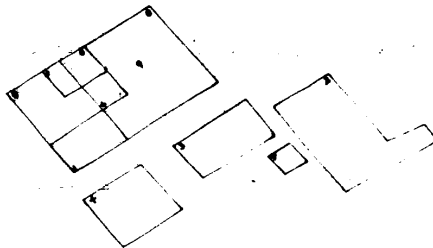
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KEY TO ABBREVIATIONS

1. Tank Farm
2. Major Distilling Area
3. Heat and Power Plant
4. Rail Tank Car Loading and Unloading Facilities
5. Cracking Units
6. Distillation Units
7. Possible Heating Units
8. Area of Construction
9. Flare tower

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