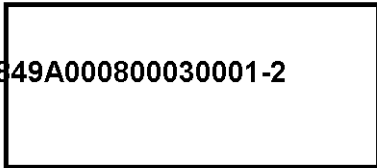


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REFERENCES:



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THERMAL POWER PLANT EAST  
HAI PHONG, NORTH VIETNAM  
2052N 10642E

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1. SIGNIFICANCE:

THIS BRIEFING BOARD DEPICTS STRIKE DAMAGE TO THE HAI PHONG THERMAL POWER PLANT EAST, THE PRIMARY POWER SOURCE FOR THE CITY OF HAI PHONG.


2. LOCATION:

THE PLANT IS LOCATED IN THE NORTHEAST SECTION OF HAI PHONG, ON THE SOUTH BANK OF THE CUA CAM (DISTRIBUTARY) AT UTM XJ782085.

3. REMARKS:

THIS POWER PLANT WAS BUILT AND EQUIPPED BY THE FRENCH IN THE EARLY 1940'S. ITS INSTALLED CAPACITY OF 7,000 KILOWATTS COMPRISED ABOUT FOUR PERCENT OF THE NATIONAL CAPACITY. AS OF FEBRUARY 1966, THE CAPACITY WAS BEING EXPANDED TO 12,000 KW.<sup>1</sup>

4. COLLATERAL:

COLLATERAL REPORTS THAT THE POWER PLANT HAS FIVE GENERATORS, THREE OF WHICH ARE STEAM TURBINES AND THE PRIMARY GENERATORS. THE REMAINING TWO ARE DIESEL-POWERED AND ARE KEPT IN RESERVE. THE SOURCE INDICATED THAT THESE DIESEL-POWERED GENERATORS WERE USED ONLY WHEN THE STEAM-POWERED TURBINES BROKE DOWN AND THEN ONLY AT NIGHTTIME. IF THE BREAKDOWN OCCURRED IN DAYTIME, THE HAI PHONG THERMAL POWER PLANT WEST , WHICH SUPPLIES POWER FOR THE HAI PHONG CEMENT PLANT

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 WOULD FURNISH ELECTRICITY TO THE CITY OF HAI PHONG.

NGA review(s) completed.

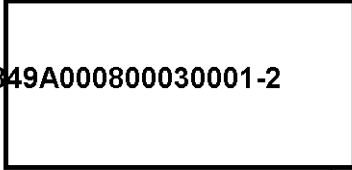


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THIS HAD HAPPENED ONLY RARELY. IF THE CEMENT PLANT'S POWER FAILED, HAI PHONG COULD BE SUPPLIED FROM HA NOI. THIS HAD HAPPENED IN EARLY 1958 AND HAI PHONG HAD BEEN SUPPLIED BY HA NOI FOR ONE OR TWO DAYS.<sup>2</sup>

5. STRIKE DATA:

STRIKE DATA REPORTS THAT TWO POWER PLANTS ON THE OUTSKIRTS OF HAI PHONG WERE DAMAGED BY A TWO-PHASE AIR ATTACK ON 20 APRIL 1967.

PRIOR TO THESE ATTACKS, AIR STRIKES HAD INFLICTED EXTENSIVE DAMAGE ON ELECTRICAL POWER PLANTS AT THAI NGUYEN, VIET TRI, HON GAI, AND BAC GIANG. ALL BUT BAC GIANG HAD BEEN RENDERED INOPERATIVE. THESE FOUR PLANTS SUPPLIED MORE THAN HALF THE POWER FOR THE NATIONAL POWER GRID.

DAMAGE TO THE FOUR NAMED PLANTS PROBABLY ELIMINATED NONESSENTIAL USE OF ELECTRICITY IN HA NOI AND HAI PHONG AND RESTRICTED POWER AVAILABLE FOR ESSENTIAL USE. PROBABLY ONLY A SMALL PORTION OF THE POWER LOSS CAN BE OFFSET BY DIESEL GENERATING EQUIPMENT.<sup>3</sup>

6. MISSION READOUT:

PRE-STRIKE PHOTOGRAPHY



25X1

REVEALS THE HAI PHONG THERMAL POWER PLANT EAST TO CONSIST OF A BOILER HOUSE, A GENERATOR HALL (WHICH PROBABLY ALSO HOUSES PLANT TRANSFORMERS), A POSSIBLE AUXILIARY DIESEL GENERATOR HALL, COAL CRUSHING AND WASHING BUILDINGS, NINE SUPPORT BUILDINGS, THREE POL STORAGE TANKS AND A FINGER PIER. THE INSTALLATION IS ROAD-AND WATER-SERVED.

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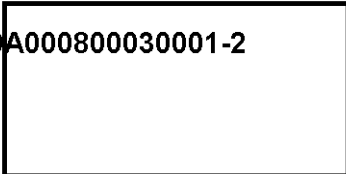
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POST-STRIKE PHOTOGRAPHY



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REVEALS THE FOLLOWING STRIKE DAMAGE TO THE THERMAL POWER PLANT:

<u>BUILDING</u>	<u>DAMAGE</u>
BOILER HOUSE	DESTROYED
GENERATOR HALL	SUPERFICIAL DAMAGE
POSSIBLE AUXILIARY DIESEL GENERATOR HALL	SUPERFICIAL DAMAGE
COAL CRUSHING AND WASHING BUILDINGS	DESTROYED
3 SUPPORT BUILDINGS	DESTROYED
3 SUPPORT BUILDINGS	HEAVY DAMAGE
1 SUPPORT BUILDING	MODERATE DAMAGE
2 SUPPORT BUILDINGS	UNDAMAGED

THE THREE POL STORAGE TANKS ARE DESTROYED; THE FINGER PIER IS APPARENTLY INTACT. THERE IS NO APPARENT DAMAGE TO THE TRANSMISSION LINES.

ONE FOUR-GUN AAA SITE IS LOCATED SOUTH OF THE POWER PLANT.



<sup>1</sup>FICPAC. CINCPACFLT TTI R0616-20N106E-L2, FEBRUARY 1966, (SECRET).

<sup>2</sup>OVERT INTELLIGENCE REPORT NO. 0375/64, 09 OCTOBER 1964, (SECRET).

<sup>3</sup>CIA INTELLIGENCE BULLETIN, 21 APRIL 1967, (TOP SECRET)



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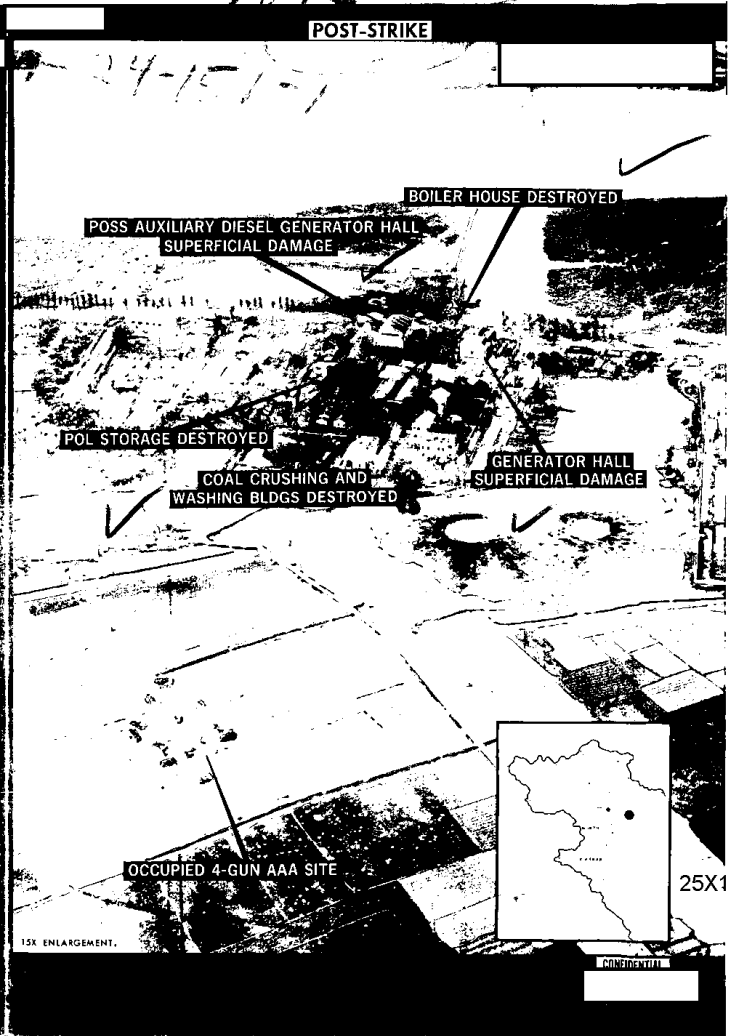
**THERMAL POWER PLANT EAST  
HAI PHONG NORTH VIETNAM**  
20-52N 106-42E

Approved For Release 2006/03/16 : CIA-RDP79-00849A000800050001-1

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**PRE-STRIKE**

**POST-STRIKE**



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NPIC L3054 (4/67)

15X ENLARGEMENT

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