

PIC/JB-24/61

TOMSK ATOMIC ENERGY INSTALLATION

KEYHOLE photography of [REDACTED] covers the Tomsk Atomic Energy Installation (56-38N 84-52E) but only a small portion of the complex is visible through heavy clouds. TALENT photography of [REDACTED] provided excellent coverage of the entire installation. 1/ Several areas of probable new construction and activity can be noted on the new coverage and it provides some information on power lines in the West Siberian grid. 2/ Analysis of details of those portions not cloud covered is further hampered by heavy haze. No buildings or structures can be discerned, just general ground patterns and areas that have been cleared of trees.

25X1D

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The following is a list of changes or areas of probable new construction and activity within the installation. Item numbers are keyed to the photo mosaic of the installation from TALENT photography with the new areas overprinted in red.

1. Mud Lake, dump area - the mud lake, a dump area for reactor and chemical separation plant wastes, has been expanded to the west, approximately doubling its size.

2. Possible new construction - a portion of this area was cleared of trees on the TALENT photography, but in [REDACTED] this clearing had been enlarged. The presence of buildings cannot be determined.

25X1D

3. Possible new construction - this area has been cleared of trees, but the presence of buildings cannot be determined.

4. Chemical Separation Plant - the chemical separation plant area has been enlarged to the west. The number or types of structures in this new portion cannot be determined.

5. Possible power trace - this new clearing through the woods may possibly be a rerouted power line due to the expansion of the mud lake.

6. Possible new pipeline or trench - a short section of cleared path through the woods which may represent new links in the pipeline or drainage network.

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TOMSK ATOMIC ENERGY INSTALLATION. Red overprint shows areas discussed in brief. Shaded areas indicate extent of cloud cover.

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7. Possible new construction - this area has been cleared of trees, but the presence of buildings cannot be determined.

8. Possible new construction - this area has been cleared of trees, but the presence of buildings cannot be determined. On TALENT photography the rail line serving the chemical separation plant ran through this area.

25X1D 9. Lake north of thermal power plant - this small lake is ice free in [REDACTED] although the Tom River is frozen solid. This is further supporting evidence that the lake is used as a hold-up basin for reactor coolant effluent.

25X1D 10. Intake canal for thermal power plant - this canal, like item 9 above, is observed to be ice free in [REDACTED]

25X1D KEYHOLE photography of [REDACTED] reveals some additional information on portions of the West Siberian grid which may be relevant to the Tomsk installation. A double power trace can be seen leading from Anzhero-Sudzhensk (56-05N 86-02E) eastward to Tayga (56-03N 85-37E). At Tayga the lines split, one leading southwest to Yashkino (55-53N 85-26E) and the other leading northwest along the rail line to Tomsk. This latter branch can only be traced approximately 5 nm before it is lost in clouds.

REFERENCES

25X1D [REDACTED]

MAPS or CHARTS

SAC. US Air Target Chart, Series 200, Sheets 0158-24A, 1st ed, Jan 60; 0158-25A, 1st ed, Apr 59; and 0161-1A, 1st ed, Jul 58 (S)

DOCUMENTS

1. CIA. HTA/JR-1/58, Tomsk Atomic Energy Installation, 28 Feb 58, (TSC)
2. CIA. NIS 26, Chapter 6, Section 62 (S)

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TOMSK ATOMIC ENERGY INSTALLATION



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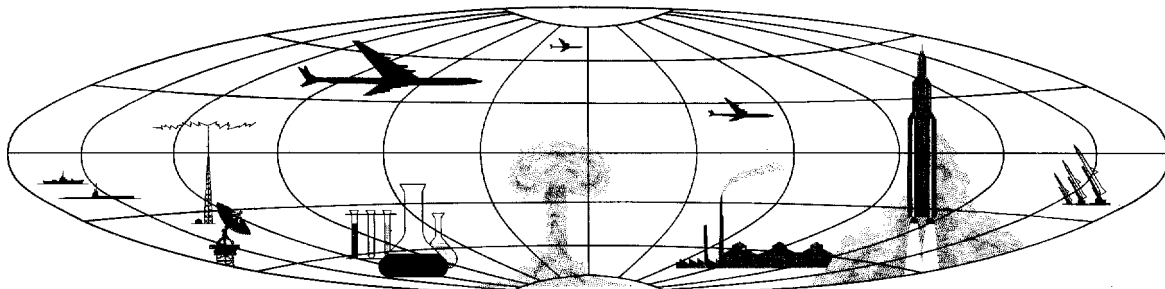


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