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TCS No. 4791/63-KH
PID/IB - 314/63
19 November 1963
Copy 6 of 8

MEMORANDUM FOR: Chief, General Sciences Division, OSI

ATTENTION : [redacted] GSD/ESB 25X1

THROUGH : Chief, Requirements Branch, Reconnaissance Group, CGS

FROM : Chief, CIA/PID (NPIC)

SUBJECT : Search for Tidal Power Plants in Northwest USSR

REFERENCES : (1) OSI Requirement No. C-SI3-80,720, 18 October 1963
(2) CIA/PID Project No. C 1513-63

1. This memorandum is forwarded in response to your above mentioned requirement concerning a search for Soviet tidal power plants and verification of a recent Soviet document concerning the Kisslaya Bay Tidal Power project.

2. The search and study, within the suspect areas did not reveal any tidal power activity or any unusual activity that may be related to tidal power construction. These areas are:

(a)	Kislaya Guba	69 32N - 33 06E
(b)	Lumbovka	67 44N - 40 31E
(c)	Kuloy River Estuary	66 40N - 43 45E
(d)	Mezen River Estuary	66 03N - 43 22E

The search area covered a radius of 30-50 nm of the areas listed.

3. A search was made of all available photography, namely satellite, of the four areas requested. The photo period ranged from [redacted] to the latest, most current photo coverage. A comparative analysis was conducted utilizing the best of the material with the hope that a changing pattern of activity within the areas for any possible indication of tidal power activity. The enclosed photo mosaic was obtained from satellite [redacted] dated [redacted] Included on this graphic is the outlined area of Kislaya Guba; other areas discussed during your visits to CIA/PID with Industrial Branch personnel; and a sampling of features identifiable on the photography having a wide range "degree-of-difficulty" targets. 25X1 25X1 25X1

4. Although the Soviet publication of the Kislaya Bay Tidal Power Plant with its detail description and fancy, seemingly convincing drawings certainly leads one to believe the plant is in fact constructed and operational, it does not now exist as is indicated in the Soviet publication. This can be firmly

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established on the basis of the available photography. In order to emphasize this point, a wide range of features have been selected and annotated on the enclosed mosaic of "degree-of-difficulty" targets to illustrate that probably even the slightest indicator would be apparent. These identifiable features include items ranging from easily identified targets such as towns, roads, and port areas, [redacted] 25X1

[redacted] 25X1

and considering the sparcely settled "clean" topography, any indication of new construction, completed construction, or accumulation of large quantities of construction material would be readily apparent on the available photography. This could be made whether the construction material was shipped by land or sea to the construction site. In either case facilities such as piers, storage areas, housing and roads would have to be constructed; none of this is in evidence on the late date photography.

5. The photo analyst assigned to this project is [redacted] 25X1 who may be contacted directly on extension 2607 should any questions arise concerning this project.

[redacted] 25X1

ENCLOSURE:
1 Annotated Photo Mosaic
(CIA/PID/IB-P-710/63)

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ENCLOSURE TO
CIA PIB IR-[illegible]

BARENTS SEA

TRAILS

SA-1 SAM SITE

CONSTRUCTION SCARRING

SA-2 SAM SITE

N

GUBA SAYDA

SAYDA GUBA
NAVAL BASE

POWER TRACE

POLYARNYY AND MURMANSK

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GUBA
LITSA GUBA
NAVAL ACTIVITY
CONSTRUCTION SCARRING
TRAILS
POWER TRACE
DRIVING DATA:
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