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PHOTOGRAPHIC INTELLIGENCE MEMORANDUM

MOSCOW RIVER DAM PROJECT
NEAR MOZHAYSK, USSR



DOCUMENT NO.
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 DECLASSIFIED
CLASS. CHANGED TO: TS/S/C
NEXT REVIEW DATE:
AUTH: HR 70-2
DATE: 070657 REVIEWER:

HTA/M-2/58

25 MARCH 1958

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CENTRAL INTELLIGENCE AGENCY
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MOSCOW RIVER DAM PROJECT

NEAR MOZHAYSK, USSR

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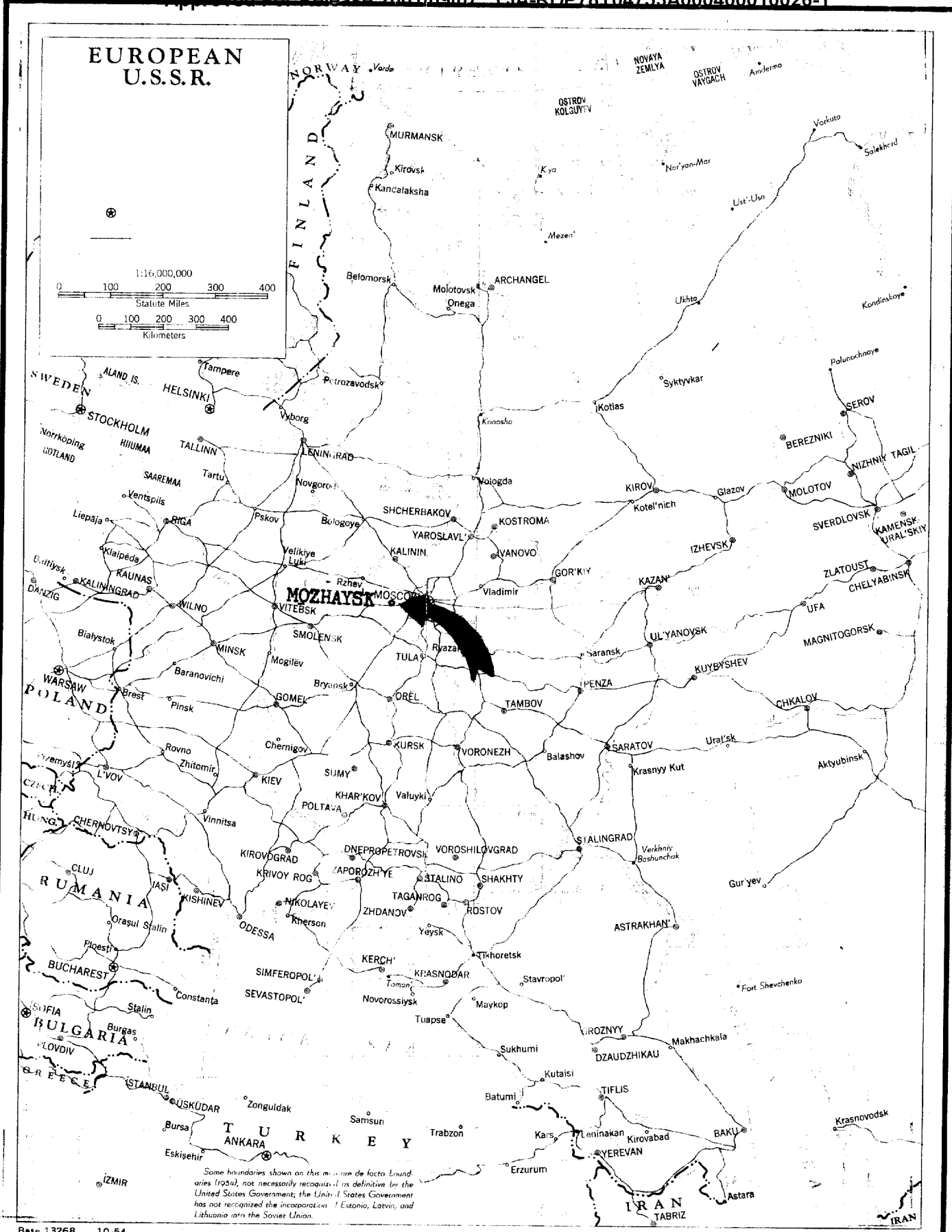
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MOSCOW RIVER DAM PROJECT

NEAR MOZHAYSK, USSR

25X1D
A large, unusual, and previously unknown installation under construction, located 75 miles WSW of Moscow, and 10 miles WSW of Mozhaysk, appeared on [REDACTED] photography. Detailed intelligence community study and analysis of what was termed the Mozhaysk Installation resulted in no firm conclusion as to its use or purpose (see CIA/RR-HTA-R1/57 and Air Force SPIR No. 4).

The general consensus of opinion of the photo analysts, other intelligence analysts, and outstanding authorities in the fields of atomic energy and guided missiles who were consulted, was that its ultimate purpose had some atomic energy aspect. However, the range of possibilities in the nuclear field was seriously circumscribed by the apparent lack of a large, continuous water supply.

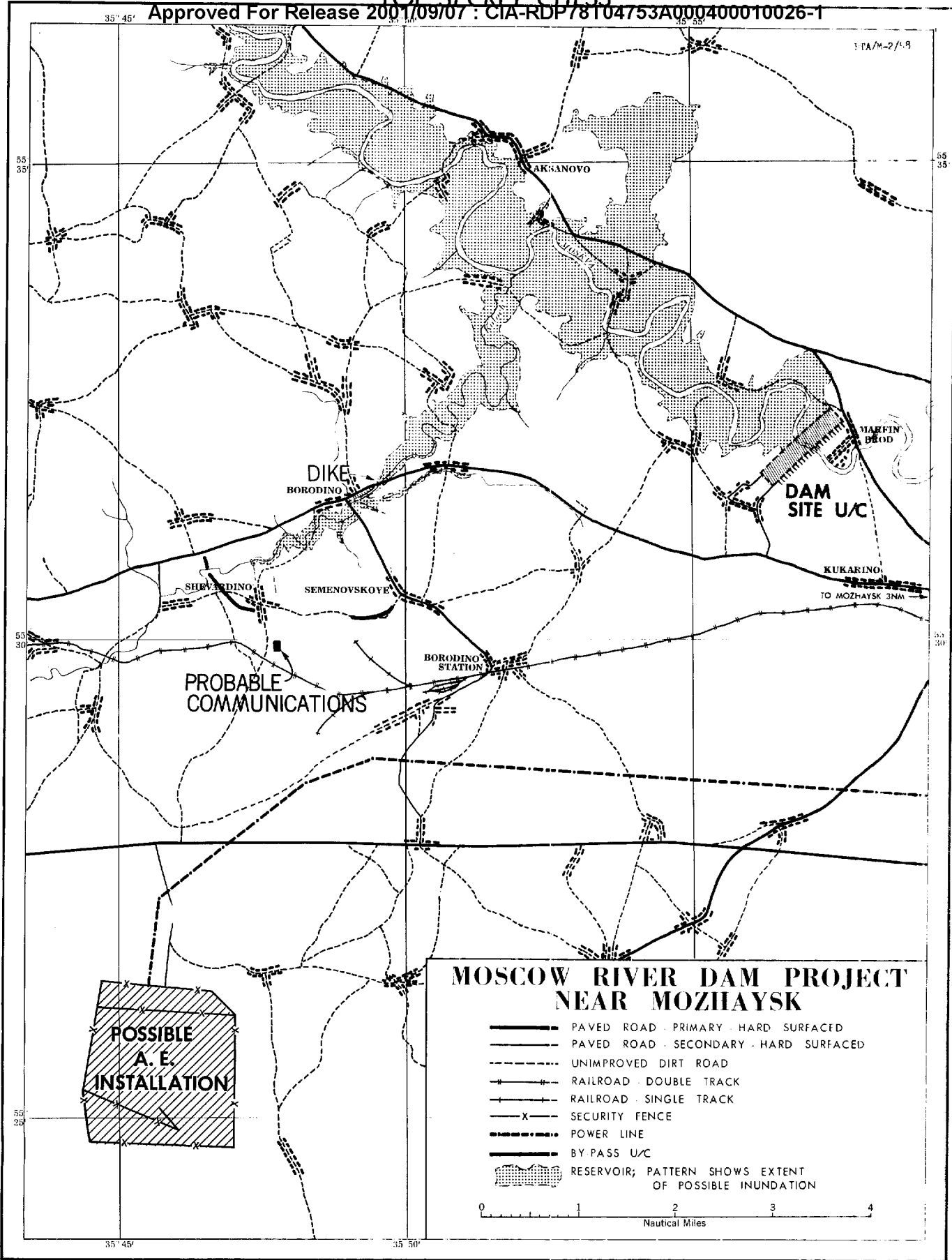
25X1D
During 1957 information was received from several open sources to the effect that a dam was to be constructed on the Moscow River at a point about eight nautical miles (nm) northeast of the installation, which would create a large reservoir. The actual dam site appears on the [REDACTED] and preliminary construction work is evident. The site is located about three nm northwest of the city of Mozhaysk at a point where the Moscow River narrows between two small hills

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(55° 32' N/35° 57' E). The reservoir itself will extend upstream along the Moscow River some 15 nm, and upstream along the Koloch River some 4 nm, extending to a point within 5 nm of the Mozhaysk installation.

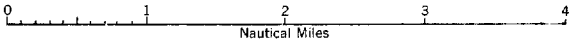
The probable limits of inundation, as shown on the accompanying map, were determined as follows: the altitude above mean sea level of the stream bed at the point of dam construction was reported to be 162 meters. To this was added the reported height of the dam (22 meters). This would result in a maximum water level of 184 meters above mean sea level. A 184-meter contour was then constructed showing the possible area of future inundation.

25X1D There is no evidence of a pipeline under construction linking the Mozhaysk Installation with the nearest point of the ultimate reservoir or any other point which might fall on the reservoir. It is possible that a pipeline is anticipated when the reservoir is created. However, there is no evidence on [REDACTED] photography of any association between the proposed reservoir and the Mozhaysk Installation.



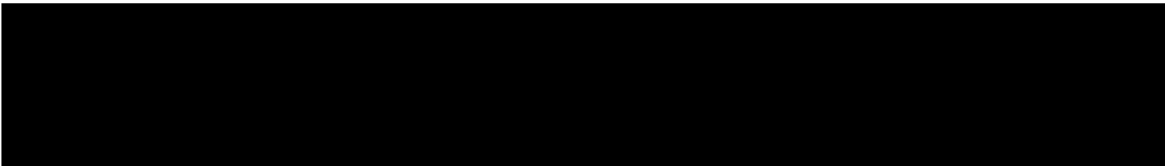
MOSCOW RIVER DAM PROJECT NEAR MOZHAYSK

- PAVED ROAD - PRIMARY - HARD SURFACED
- PAVED ROAD - SECONDARY - HARD SURFACED
- - - UNIMPROVED DIRT ROAD
- +— RAILROAD - DOUBLE TRACK
- +— RAILROAD - SINGLE TRACK
- X- SECURITY FENCE
- - - POWER LINE
- BY PASS U/C
- ▨ RESERVOIR; PATTERN SHOWS EXTENT OF POSSIBLE INUNDATION



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REQUIREMENTS: Prepared in answer to HTA/SI/R-44 and R-51/57
requesting the area which would be inundated by a proposed dam
on the Moscow River, the proximity of this reservoir to the
Mozhaysk Installation, and any indication of a connection or
association between the potential reservoir and the installation.



COORDINATES: 55° 32'N/35° 57'E - Dam Site
55° 26'N/35° 45'E - Mozhaysk Installation

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