TOP SECRET Approved For Release 2002/02/27 : CIA-RDP99T01396R000200030001-8

SUPPLEMENT

PHOTOGRAPHIC INTERPRETATION REPORT





KH-4 MISSION 1037 8-20 NOVEMBER 1966

PART I

TCS-81066/66
NOVEMBER 1966
COPY 195
81 PAGES

25X1A

Declass Review by NIMA / DoD

GROUP 1 EXCLUDED FROM AUTOMATIC DOWNGRADING AND DECLASSIFICATION

Approved For Rapa 4 20 R2 (2/27 : CIA-RDP99T01396R0 0200030001-8

MISSION 1037 8 - 20 NOV 66

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For Release 2002 Figure 7 MISSION 1037 8 - 20 NOV 66

PREFACE

THIS IS THE FIRST OF SEVERAL OAK SUPPLEMENT REPORTS ON MISSION 1037 AND PROVIDES INFORMATION ON THE COMMITTEE ON OVERHEAD RECONNAISSANCE (COMOR) TARGETS NOT INCLUDED IN THE OAK REPORTS FOR THIS MISSION. THIS REPORT ALSO CONTAINS PREVIOUSLY REPORTED NON-COMOR TARGETS REFLECTING SIGNIFICANT CHANGE, TARGETS WITH SIGNIFICANT ORDER OF BATTLE (OB) INFORMATION, AND TARGETS WHICH ARE EITHER NEWLY IDENTIFIED OR KNOWN BUT REPORTED FOR THE FIRST TIME BY NPIC.

TARGETS ARE ARRANGED BY SUBJECT AND WITHIN EACH SUBJECT BY COMOR TARGET NUMBER. PREVIOUSLY REPORTED NON-COMOR TARGETS ARE LISTED UNDER THE APPROPRIATE SUBJECT AFTER THE LISTING OF COMOR TARGETS. NEWLY REPORTED TARGETS ARE DESIGNATED AS BONUS TARGETS AND ARE LISTED AFTER THE NON-COMOR TARGETS. LOCATIONS OF TARGETS IN THIS REPORT ARE INDICATED BY THE COUNTRY CODE AND THE COORDINATES. FOR THE CONVENIENCE OF THE USER, AN ALPHABETIC LISTING OF COUNTRY CODES IS INCLUDED ON THE INSIDE OF THE BACK COVER.

SELECTED PHOTOGRAPHIC REFERENCES FOR EACH TARGET FOLLOW THE DESCRIPTION OF THE TARGET. PASS NUMBERS, SUFFIXED WITH A FOR ASCENDING AND D FOR DESCENDING, ARE LISTED FIRST, FOLLOWED BY THE FRAME NUMBERS. SYMBOLS FOR LIMITING CONDITIONS AFFECTING PHOTOGRAPHY ARE C (CLEAR), SC (SCATTERED CLOUD COVER), HC (HEAVY CLOUD COVER), H (HAZE), CS (CLOUD SHADOW), S (SNOW), D (OBLIQUITY), SD (SEMIDARK-NESS), D (DARKNESS), GC (GROUND COVER), CF (CAMOUFLAGE), AND GR (GROUND RESOLUTION). INTERPRETABILITY OF THE PHOTOGRAPHY IS CATEGORIZED AS G (GOOD), E (FAIR), OR P (POOR). THE EXTENT OF PHOTOGRAPH-IC COVERAGE IS DENOTED BY THE SYMBOLS T (TOTAL) OR PT (PARTIAL). THE MODE OF COVERAGE IS INDICATED BY ST (STEREO), PS (PARTIAL STEREO), OR NS (NON-STEREO). IF A TARGET CAN BE IDENTIFIED ONLY (IDO), JUST THE TARGET NAME, PASS AND FRAME NUMBERS, AND IDO WILL APPEAR.

RECIPIENTS ARE CAUTIONED THAT THE INITIAL SCAN OF PHOTOGRAPHY IS ACCOMPLISHED IN A SHORT TIME AND PRIOR TO FINAL REFINEMENT OF EPHEMERIS DATA. CONSEQUENTLY, FUTURE ANALYSIS MAY RESULT IN MINOR ALTERATIONS. MOREOVER, RECIPIENTS ARE CAUTIONED THAT THE IDENTI-FICATION OF TARGETS IS BASED PRIMARILY ON PHOTOGRAPHY AND DOES NOT CONSTITUTE A FINISHED INTELLIGENCE JUDGMENT.

FOR THE CONVENIENCE OF THE USER, AN INDEX TO ALL TARGETS IN THE SUPPLEMENT IS INCLUDED IN THE FINAL EDITION. FOR TRACK MAPS, SEE TCS-81064/66 AND 81065/66, THE OAK REPORTS FOR THIS MISSION.

STATUS OF TARGET READOUT

THIS SUPPLEMENT REPORTS ON 382 COMOR TARGETS.

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Missiles

For Release Q0020EQDE:TO

25X1A R00020003000**1-6**s 81066/66

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25X1A

MISSILES

TYURATAM MISSILE TEST CENTER

UR 4538N Ø6317E

THE TYURATAM MISSILE TEST CENTER IS COVERED ON 2 PASSES OF CLOUD-FREE PHOTOGRAPHY OF FAIR INTERPRETABILITY. ALL PORTIONS OF THE RANGEHEAD ARE COVERED BY PHOTOGRAPHY.

25X1D

25X1A

TYURATAM LAUNCH COMPLEX A

UR 4555N Ø632ØE

25X1D

A LONG RAIL CAR AND A SHORT VEHICLE/PIECE OF EQUIPMENT ARE LOCATED TO THE REAR OF LAUNCH PAD AL.

ONE AND POSSIBLY 2 OF THE SPECIALLY CONFIGURED RAIL CARS OFTEN OBSERVED ARE ON THE RAILS WEST OF A3. SEVERAL OTHER RAIL CARS ARE AT LAUNCH PADS A2 AND A3.

25X1D

SEVERAL SMALL VEHICLES/PIECES OF EQUIPMENT AND A STRING OF RAIL CARS ARE LOCATED ON AND TO THE REAR OF PAD AL. NO SIGNIFICANT CHANGE OBSERVED AT LAUNCH PADS A2 AND A3 OR THE COMPLEX SUPPORT FACILITY.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

25X1A

TYURATAM LAUNCH COMPLEX B

UR 4559N Ø6333E

25X1D

SITE B1 -- NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

A LONG VEHICLE/PIECE OF EQUIPMENT IS ON THE PAD AND ANOTHER IS LOCATED TO THE SOUTH, JUST NORTH OF THE MISSILE-READY BUILDING. APPROXIMATELY 10 OTHER SMALL VEHICLES/PIECES OF EQUIPMENT ARE DISPERSED THROUGHOUT THE SITE.

25X1D

A DITCH HAS BEEN OPENED TOWARD
THE SE FROM THE SE CORNER OF THE SECOND LARGEST OF THE
4 BUILDINGS RECENTLY CONSTRUCTED 1.000 FT EAST OF PAD
B1. NO SIGNIFICANT CHANGE OBSERVED AT LAUNCH PAD B2.

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25X1A 000200030001-8s 81066/66

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25X1D

25X1A

TYURATAM LAUNCH COMPLEX C

UR 4558N Ø6339E

A POSSIBLE MISSILE IS ERECTED ON PAD C1. APPROXIMATELY 14 VEHICLES/PIECES OF EQUIPMENT ARE PARKED IN THE SW. CORNER OF THE LAUNCH AREA AND 5 OTHERS ARE LOCATED AT VARIOUS POINTS BETWEEN PADS C2 AND C3. A PROBABLE STRING OF RAIL CARS IS LOCATED BETWEEN PADS C1 AND C2.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

25X1A

TYURATAM LAUNCH COMPLEX D

UR 4601N 06400E

25X1D

SITE D1 -- THE SILO DOOR IS OPEN AT THE CENTER SILO, AND 2 LONG VEHICLES/PIECES OF EQUIPMENT ARE PARKED NEAR THE LARGE BUILDING AT THE ENTRANCE TO THE SITE.

SITE D2 -- A PROBABLE TRANSPORTER IS PARKED ON THE LOOP ROAD FORWARD OF THE CENTER SILO.

THE UNIDENTIFIED EQUIPMENT PREVIOUSLY REPORTED AT THE INSTRUMENTATION SITE WEST OF SITE D2 HAS BEEN REMOVED.

25X1D

ONLY THE COMPLEX SUPPORT FACILITY AND STORAGE AREA WEST OF COMPLEX D ARE COVERED. NO SIGNIFICANT CHANGE OBSERVED.

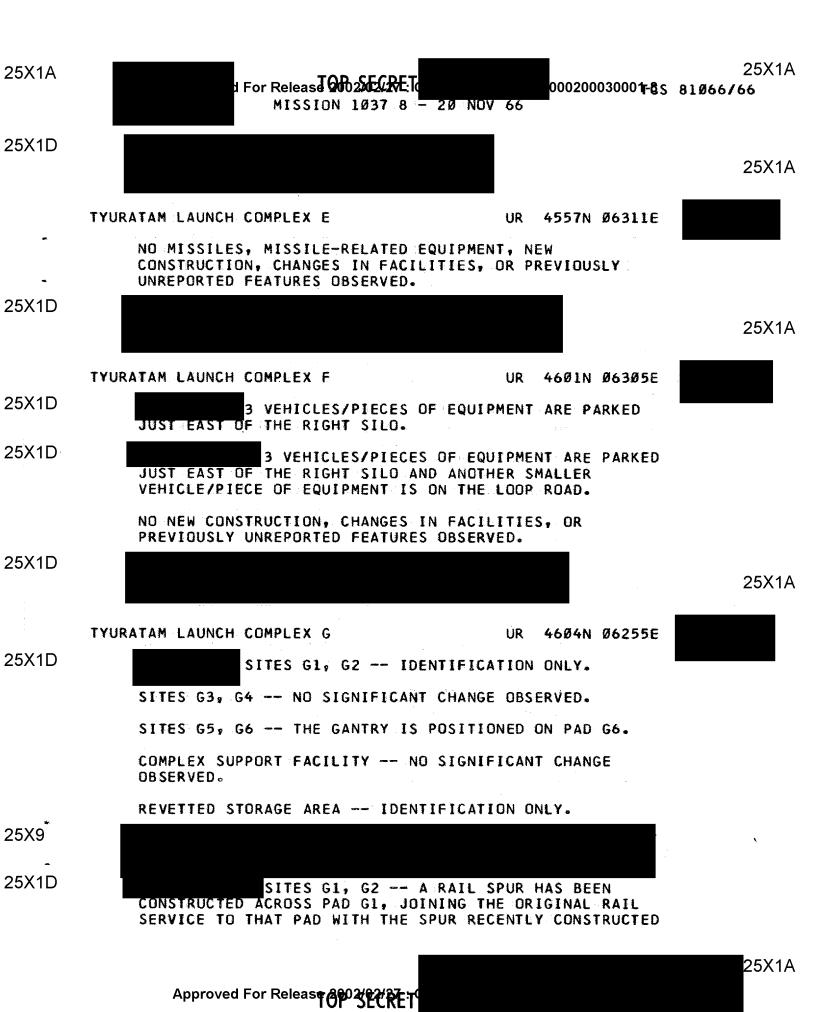
25X1D

SITE D1 -- 1 LONG VEHICLE/PIECE OF EQUIPMENT IS PARKED NEAR THE LARGE BUILDING AT THE ENTRANCE AND ANOTHER IS PARKED ON THE LOOP ROAD NEAR THE CENTER SILO.

SITE D2 -- NO SIGNIFICANT CHANGE OBSERVED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



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ACROSS THE DOWN RANGE SIDE OF THE LAUNCH AREA.

G3, G4 -- MOST OF THE DITCHING ON THE G3 SIDE OF THE LAUNCH AREA HAS BEEN BACKFILLED. TWO DITCHES HAVE BEEN OPENED FROM A POINT NEAR A SMALL STRUCTURE LOCATED NEAR THE CENTER OF THE LAUNCH AREA TO INTERSECT THE PREVIOUSLY OPENED DITCH ACROSS THE FRONT OF THE LAUNCH AREA.

G5, G6 -- THE GANTRY IS LOCATED ON PAD G6 AND A LONG VEHICLE/PIECE OF EQUIPMENT IS LOCATED ON EACH OF THE PADS. AN UNDETERMINED NUMBER OF CYLINDERS, INCLUDING A LIGHT-TONED ONE, IS LOCATED ALONG THE EAST FENCE LINE. SEVERAL OTHER VEHICLES/PIECES OF EQUIPMENT ARE LOCATED WITHIN THE LAUNCH AREA.

25X9

COMPLEX SUPPORT FACILITY, REVETTED STORAGE AREA, AND UNIDENTIFIED FACILITY -- NO SIGNIFICANT CHANGE **OBSERVED**。

25X1D

TYURATAM LAUNCH COMPLEX H

25X1A

UR 4559N Ø6342E

25X1D

SEVERAL SMALL VEHICLES/PIECES OF EQUIPMENT ARE LOCATED IN AND ABOUT THE SITE. NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

TYURATAM LAUNCH GROUP I (SITES I1-13, I7) UR 4555N Ø6326E

25X1A

25X1D

SITES II, I2, I3 -- NO SIGNIFICANT CHANGE

OBSERVED。

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25X1D

25X1D

25X1D

25X1D

25X1D

25X1D

25X1D

25X1D

25X1D

SITE IT -- LAUNCH SITE IT IS NOW PARTIALLY SECURED BY FENCING AND APPEARS TO CONSIST OF 3 TYPE IIIC U-SHAPED EXCAVATIONS LINED UP ON AN AXIS

THE 2 SOUTHERNMOST EXCAVATIONS NOW CONTAIN CORINGS, AND THE THIRD AND NORTHERNMOST CONTAINS AN UNIDENTIFIED CIRCULAR OBJECT. THE DIAMETER OF THE CORING IN THE CENTER EXCAVATION MEASURES

THE SPACING BETWEEN THE 2 CORINGS AND BETWEEN THE CENTER CORING AND THE UNIDENTIFIED OBJECT IN THE NORTHERN EXCAVATION IS APPROXIMATELY 400 FT. THE EXCAVATIONS MEASURE 80 X 120 FT. 85 X 110 FT. AND 90 X 110 FT.

SITE II -- 2 VEHICLES/PIECES OF EQUIPMENT ARE ON THE APRON NORTH OF THE SILO AND ONE IS ON THE ACCESS ROAD AT THE ENTRANCE.

SITES 12 AND 13 -- NO SIGNIFICANT CHANGE OBSERVED.

SITE IT -- THE NORTHERNMOST EXCAVATION NOW APPEARS TO CONTAIN A CORING.

TYURATAM LAUNCH GROUP I (SITE 14)

UR 4554N Ø632ØE

THE SILO DOOR IS POSSIBLY OPEN AND A SMALL VEHICLE/PIECE OF EQUIPMENT IS ON THE APRON NORTH OF THE SILO.

2 SMALL VEHICLES/PIECES OF EQUIPMENT ARE ON THE LOUP ROAD AND ANOTHER IS ON THE APRON NORTH OF THE SILO.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

TYURATAM LAUNCH GROUP I (SITES I5, I6) UR 4559N Ø6333E

SITE I5 -- NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

SITE I6 -- NO SIGNIFICANT CHANGE OBSERVED.

25X1A

25X1A

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25X1D

SITE 15 -- 2 SHORT ACCESS ROADS HAVE BEEN CONSTRUCTED BETWEEN THE SOUTH SIDE OF LAUNCH SITE 15 AND THE ACCESS ROAD TO SITE 16.

SITE 16 -- NO SIGNIFICANT CHANGE OBSERVED.

25X1D

25X1A

TYURATAM LAUNCH COMPLEX J

UR 4555N Ø6317E

25X1D

CONSTRUCTION CONTINUES. THE GANTRY TRACK FOUNDATIONS HAVE BEEN EXTENDED TO A POINT IMMEDIATELY BEHIND PAD J2. THE PREVIOUSLY REPORTED STEEL STRUCTURE UNDER CONSTRUCTION FORWARD OF J1 MAY BE A CRANE. HAZE AND HEAVY CLOUDS PRECLUDE DETAILED INTERPRETATION OF THE COMPLEX SUPPORT FACILITY AND THE MISSILE ASSEMBLY AND CHECKOUT FACILITY. NO SIGNIFICANT CHANGES ARE OBSERVED.

25X1D

A RAIL SPUR NOW APPEARS TO ENTER THE MIDDLE SECTION ON THE SE SIDE OF THE LARGE MULTISECTIONED, ARCH-ROOFED BUILDING UNDER CONSTRUCTION BETWEEN THE PADS. BACKFILLING/EARTHMOUNDING HAS BEGUN ON SOME OF THE BUILDINGS BETWEEN THE PADS. NO SIGNIFICANT CHANGE OBSERVED AT THE COMPLEX SUPPORT FACILITY AND THE MISSILE ASSEMBLY AND CHECKOUT FACILITY.

25X1D

25X1A

TYURATAM LAUNCH GROUP K (SITE K1-K2)

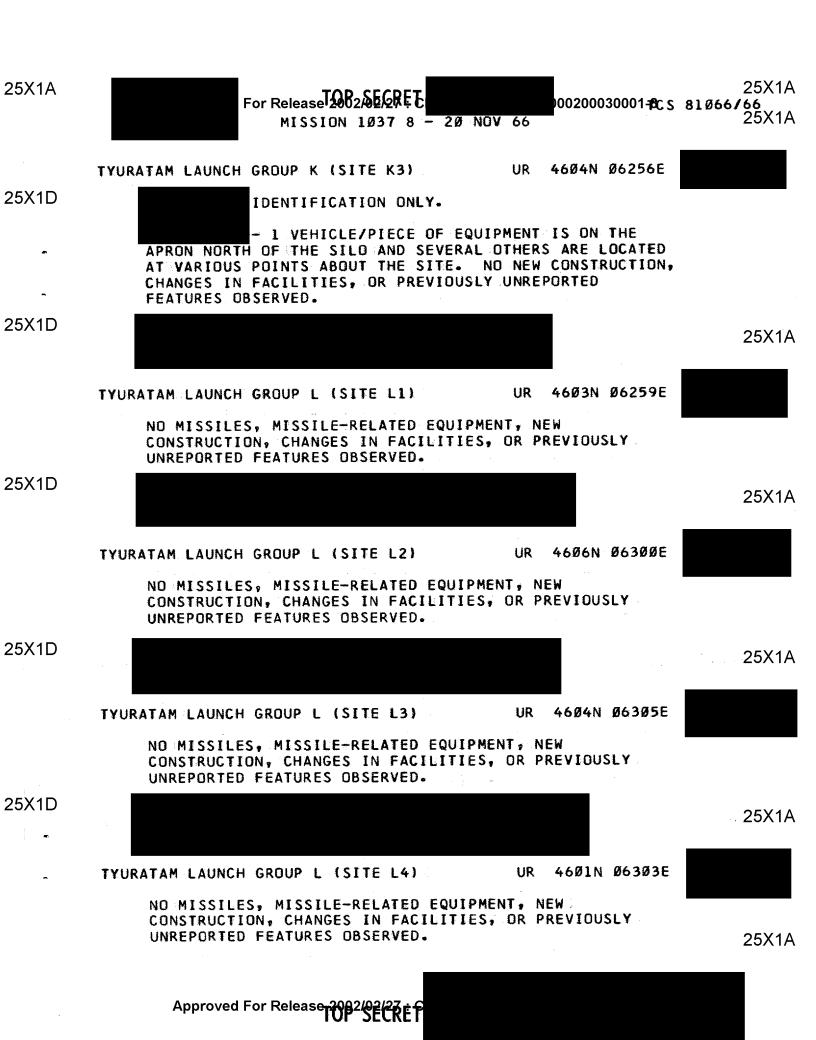
UR 46Ø1N Ø63Ø3E

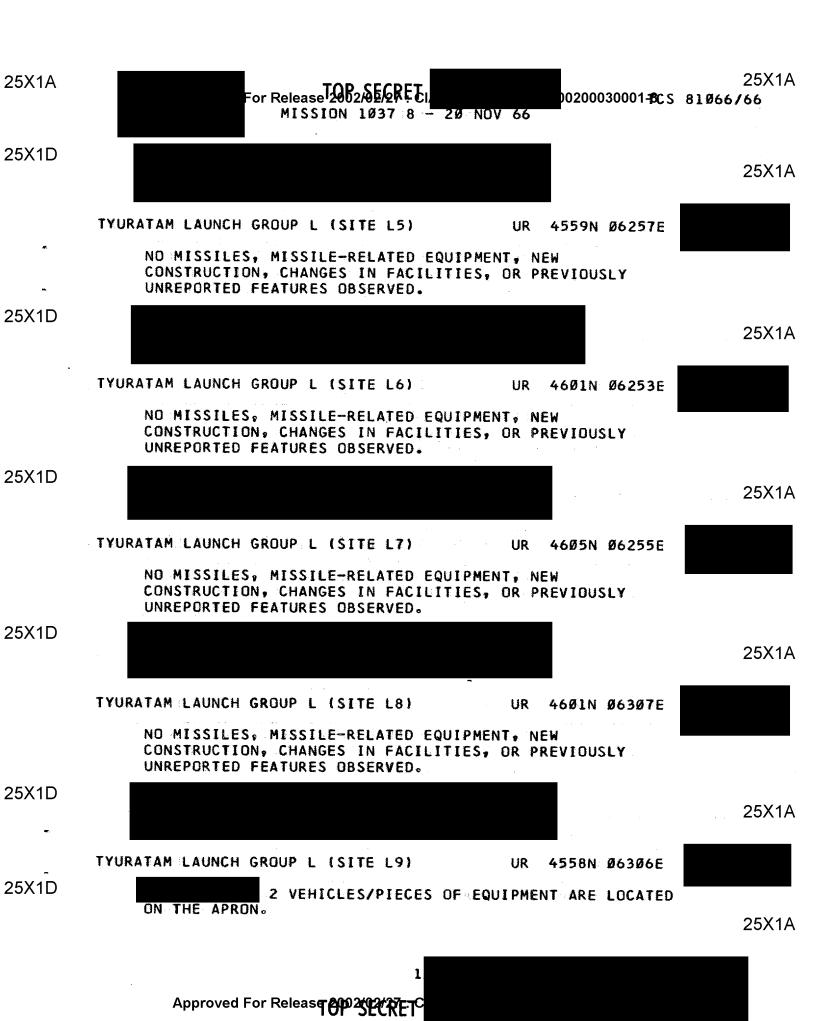
A SMALL VEHICLE/PIECE OF EQUIPMENT IS ON THE APRON NEAR SILO K1.

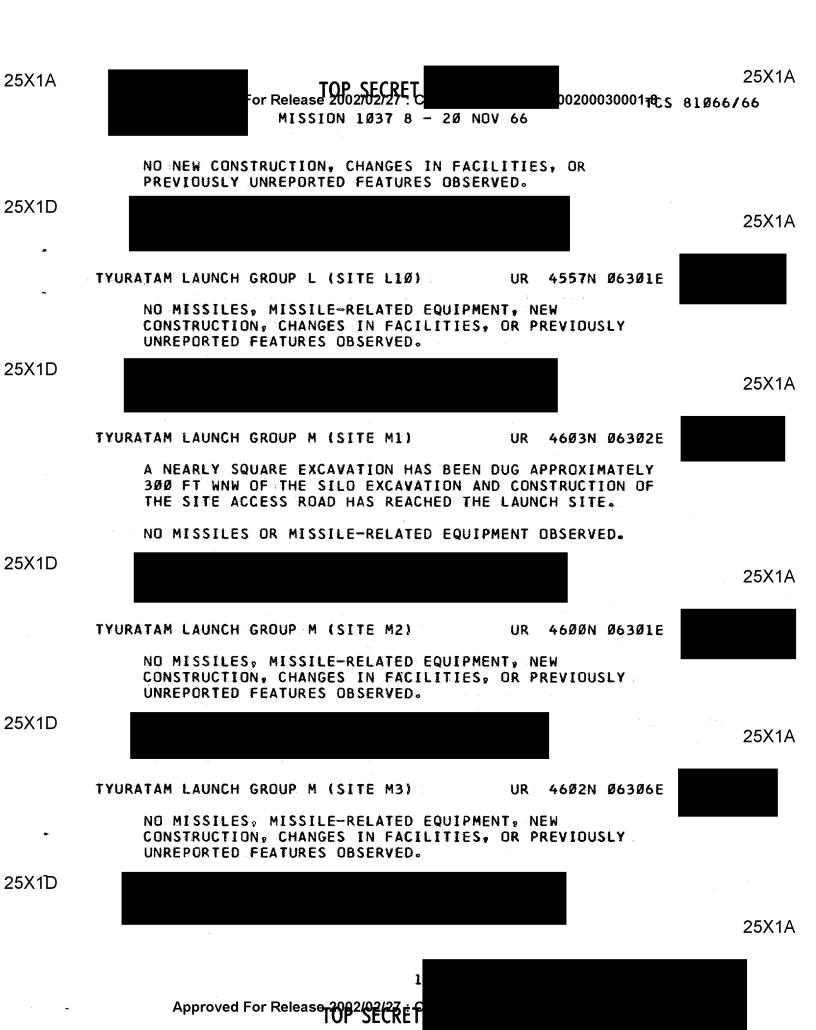
A VEHICLE/PIECE OF EQUIPMENT IS ON THE APRON NORTH OF SILO K2.

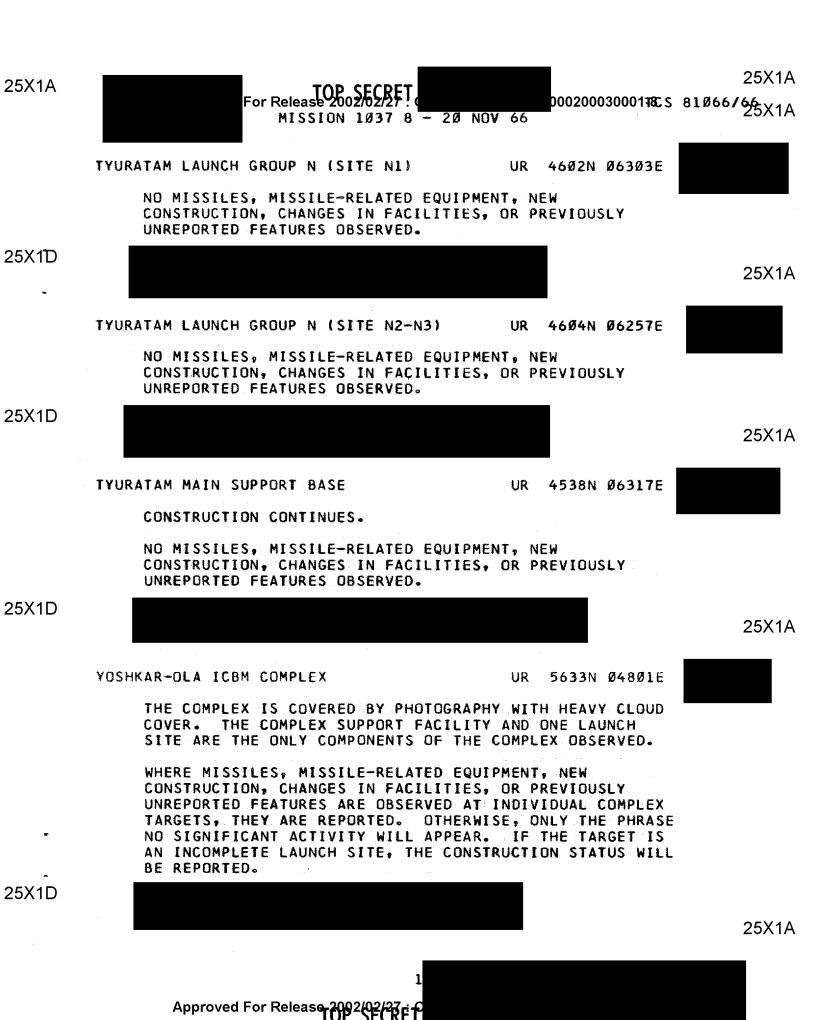
NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

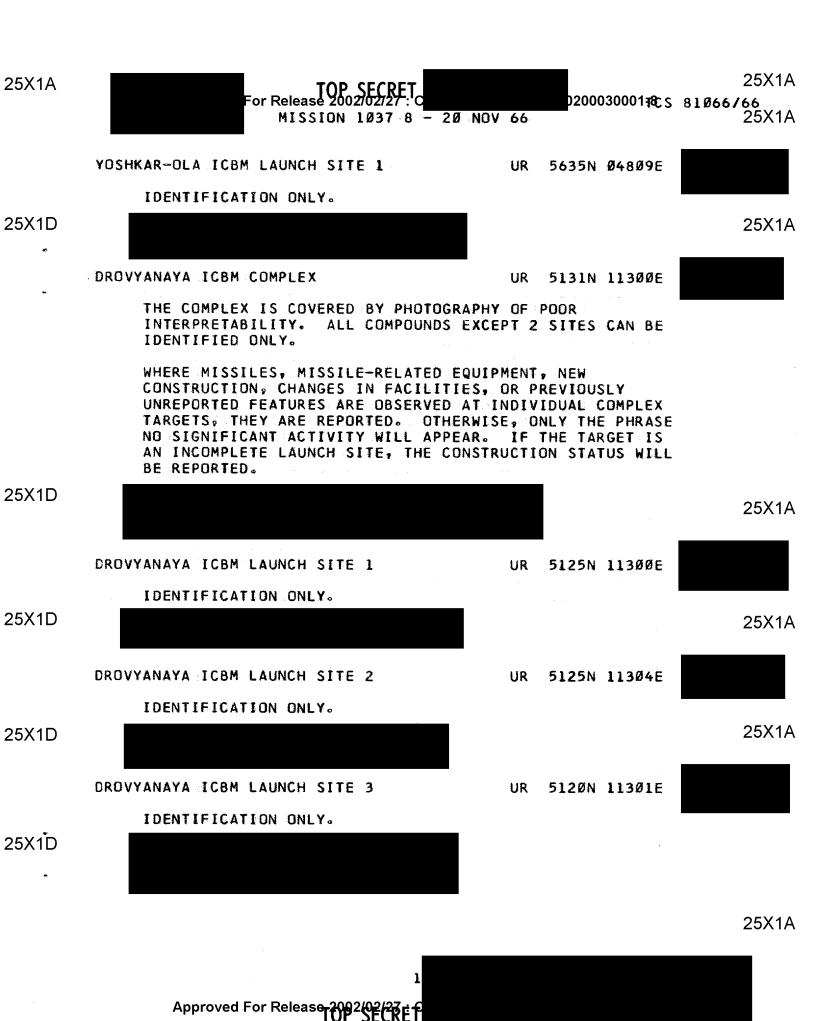
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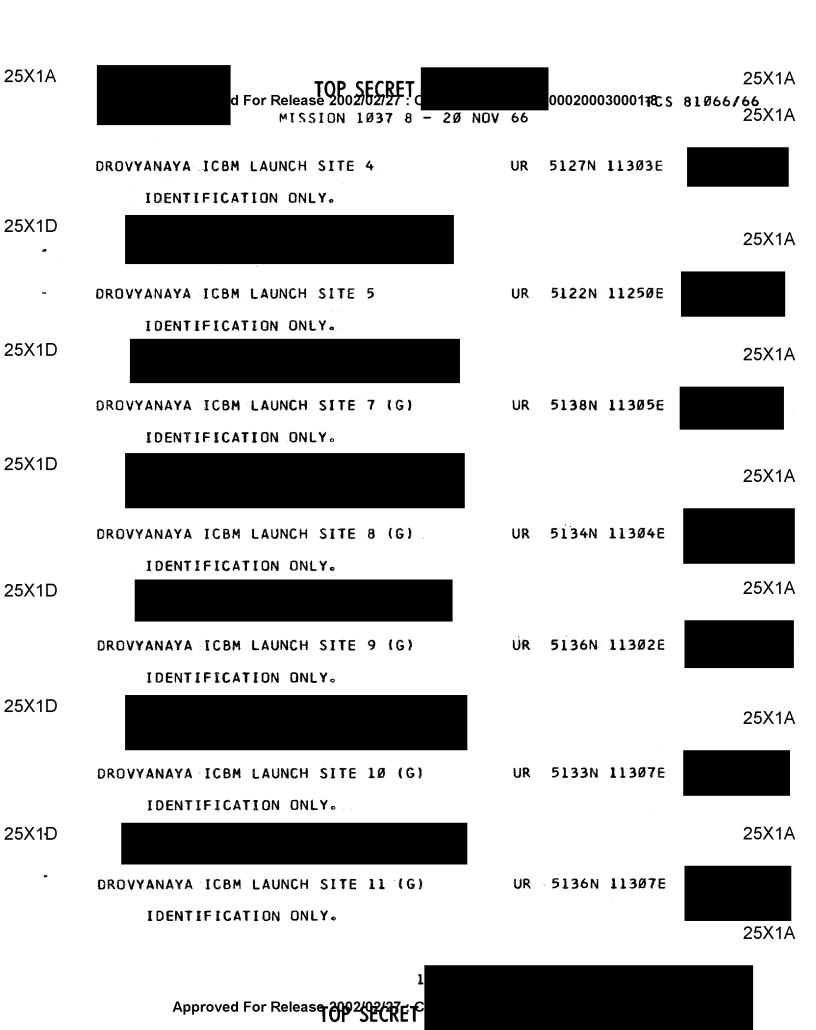


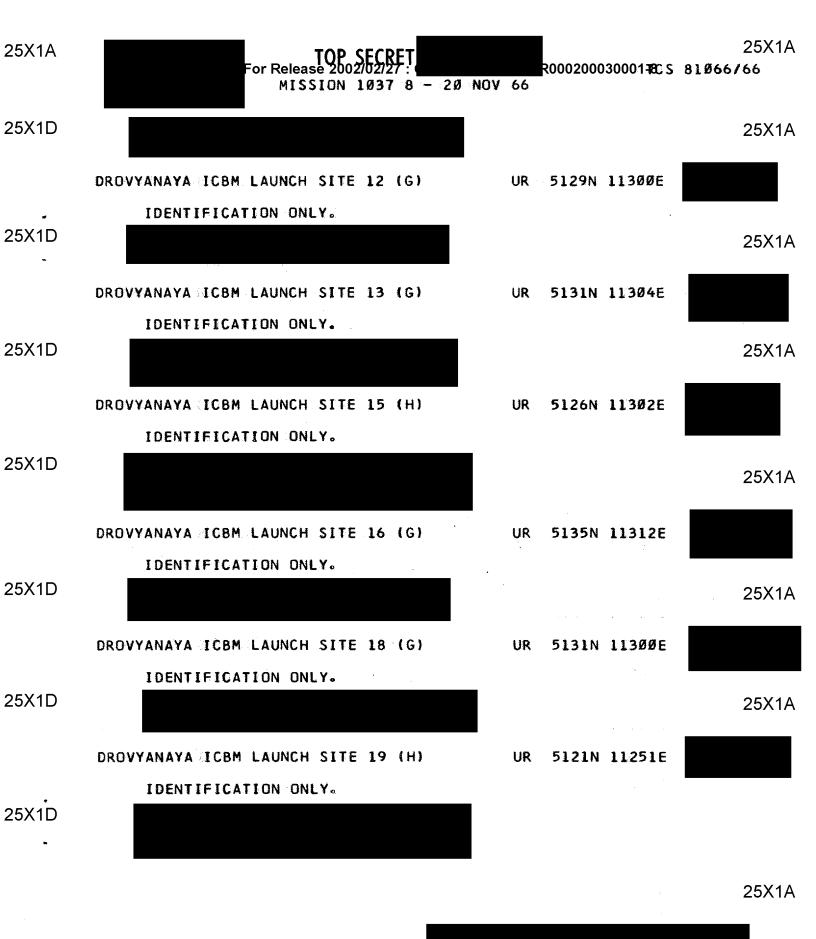


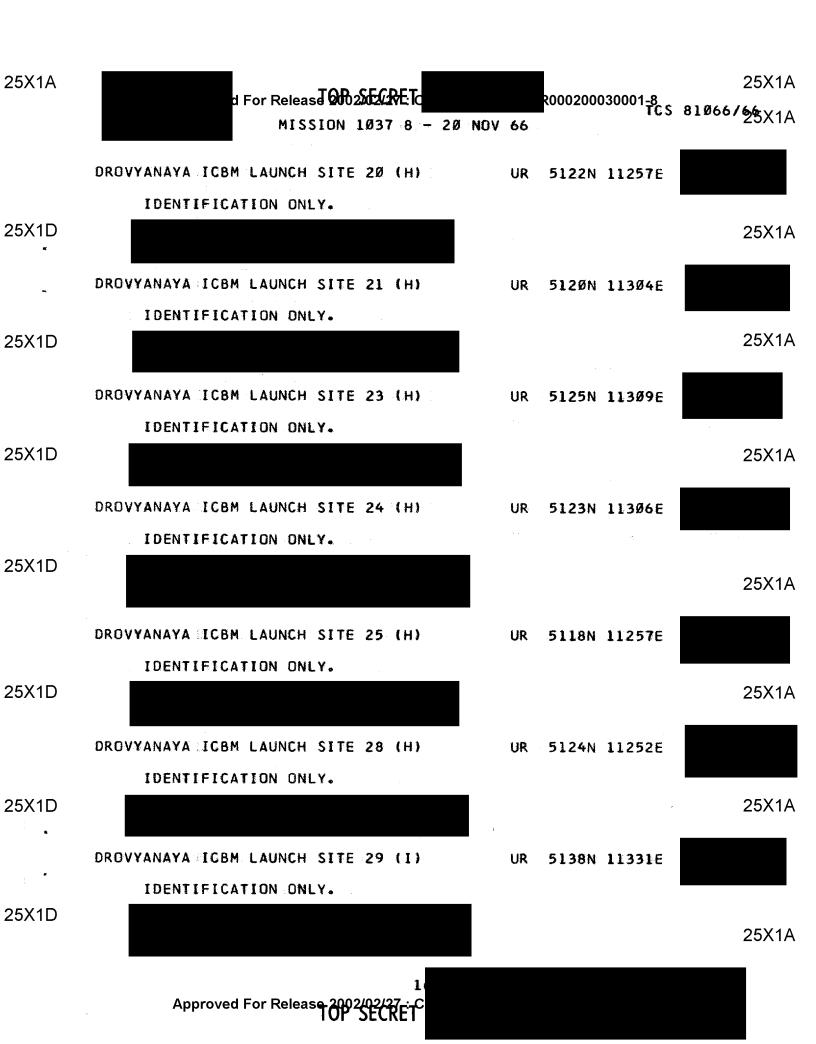


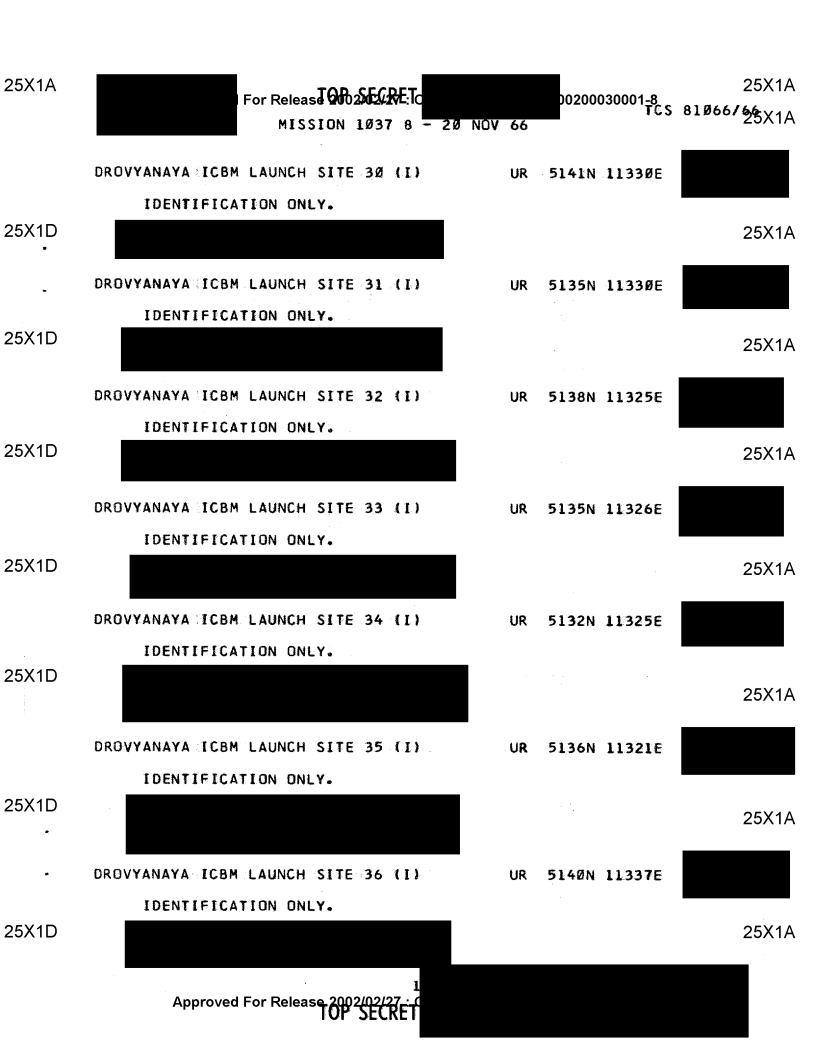


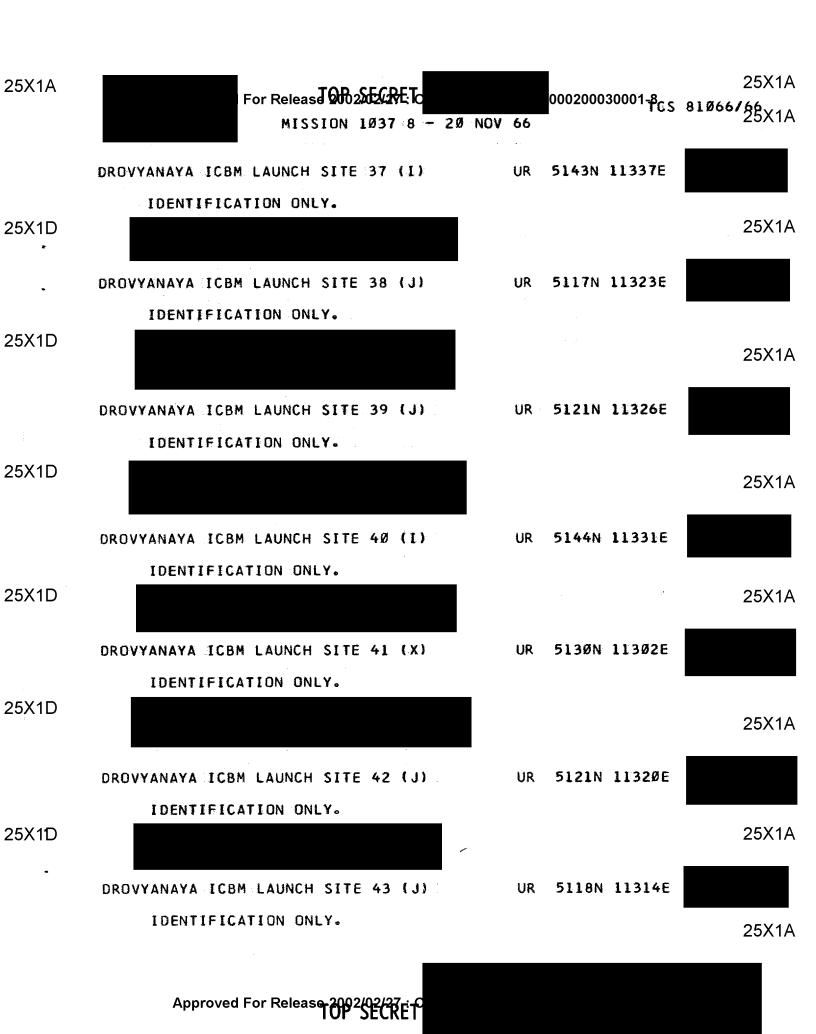






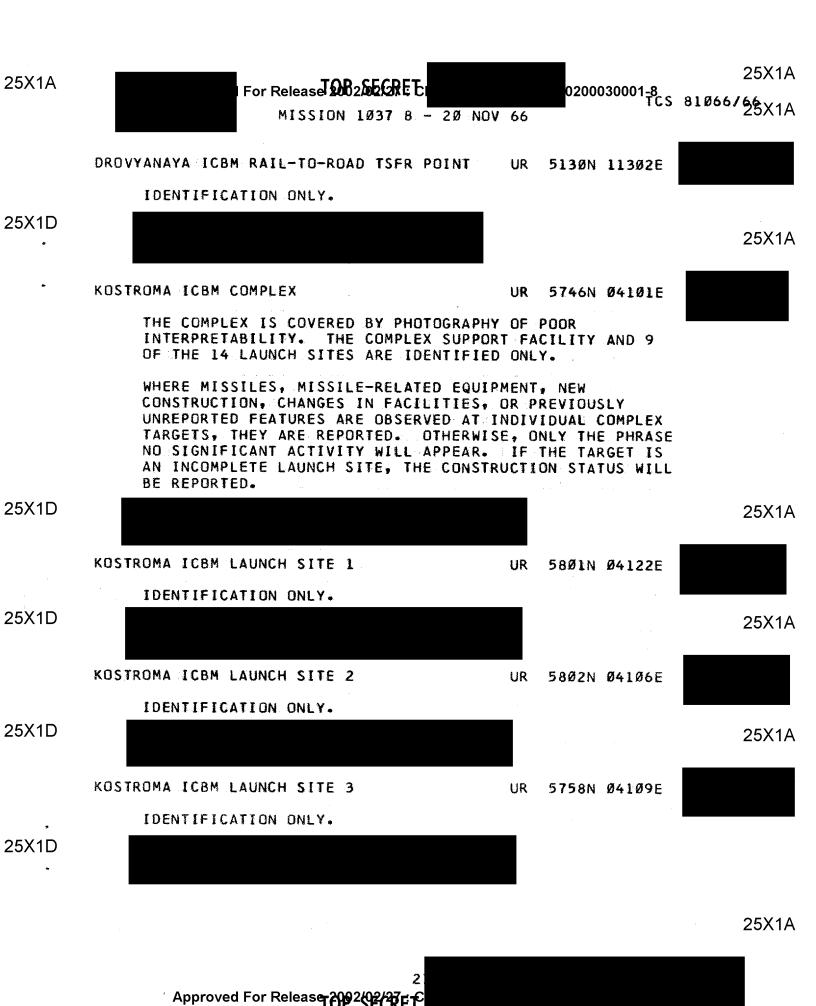


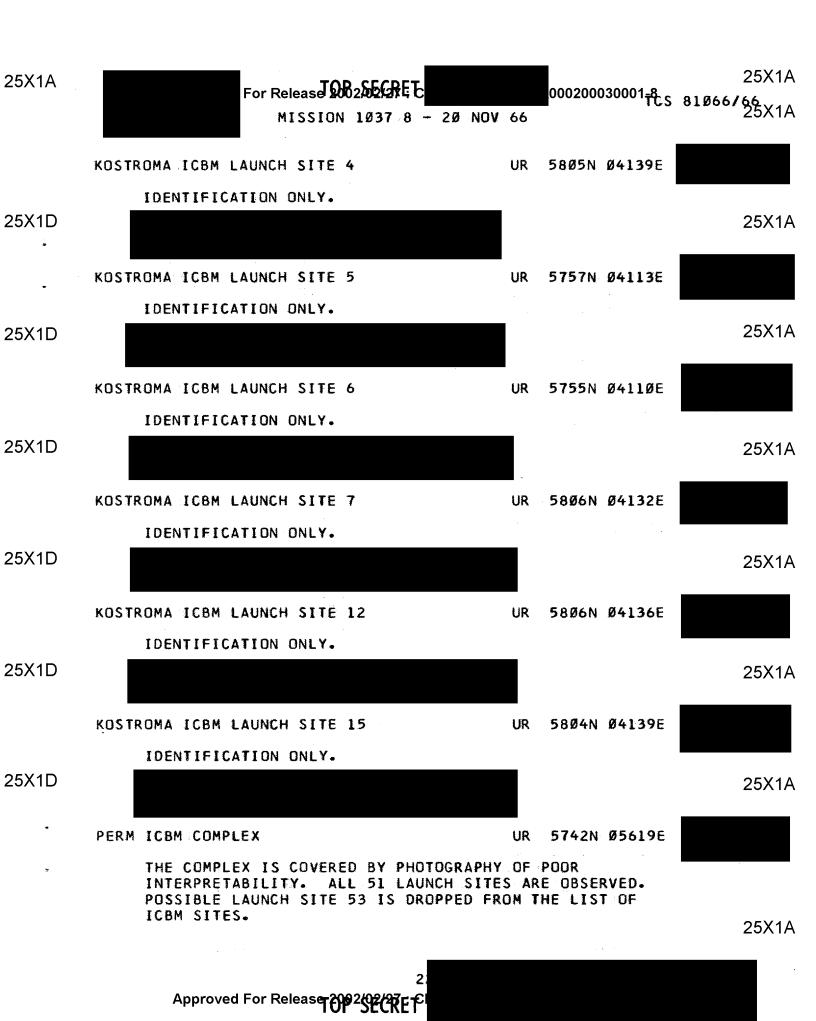


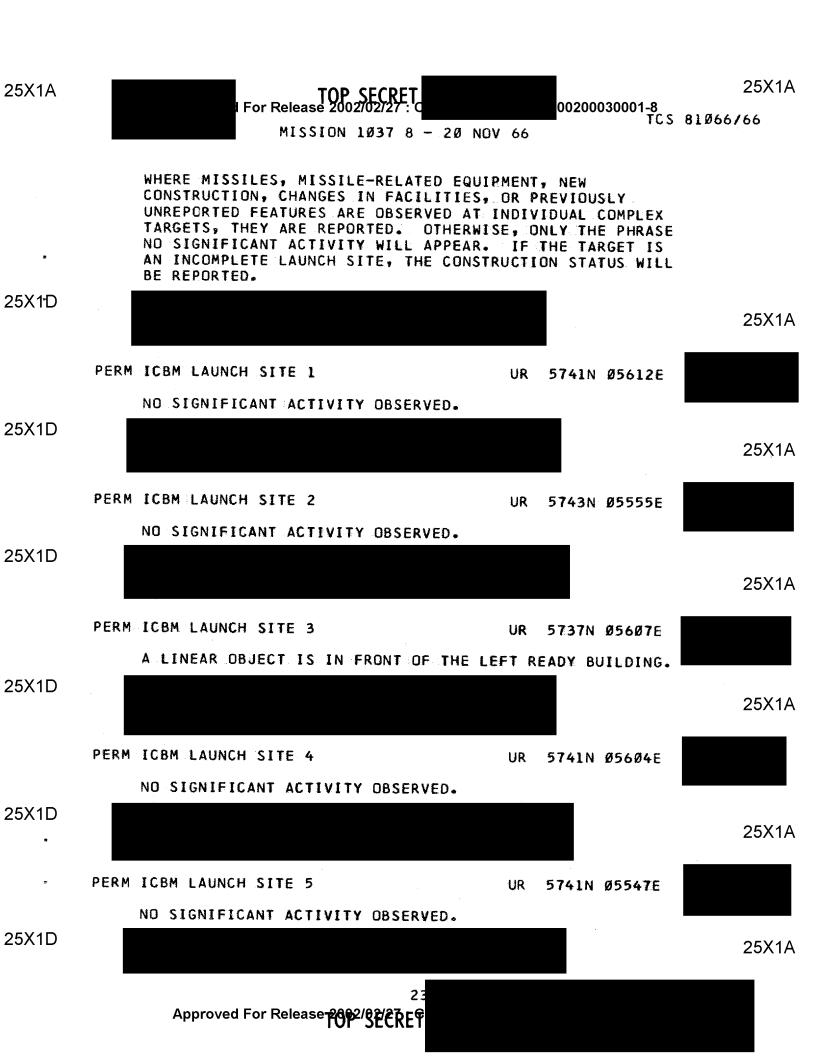


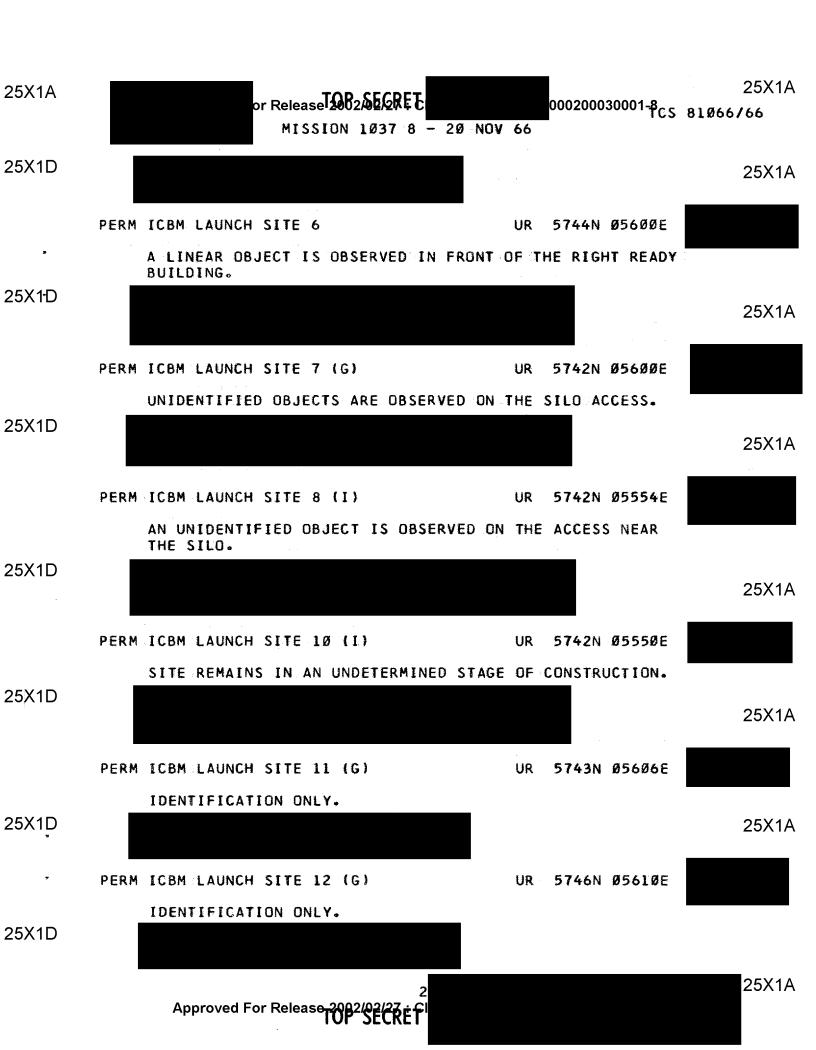


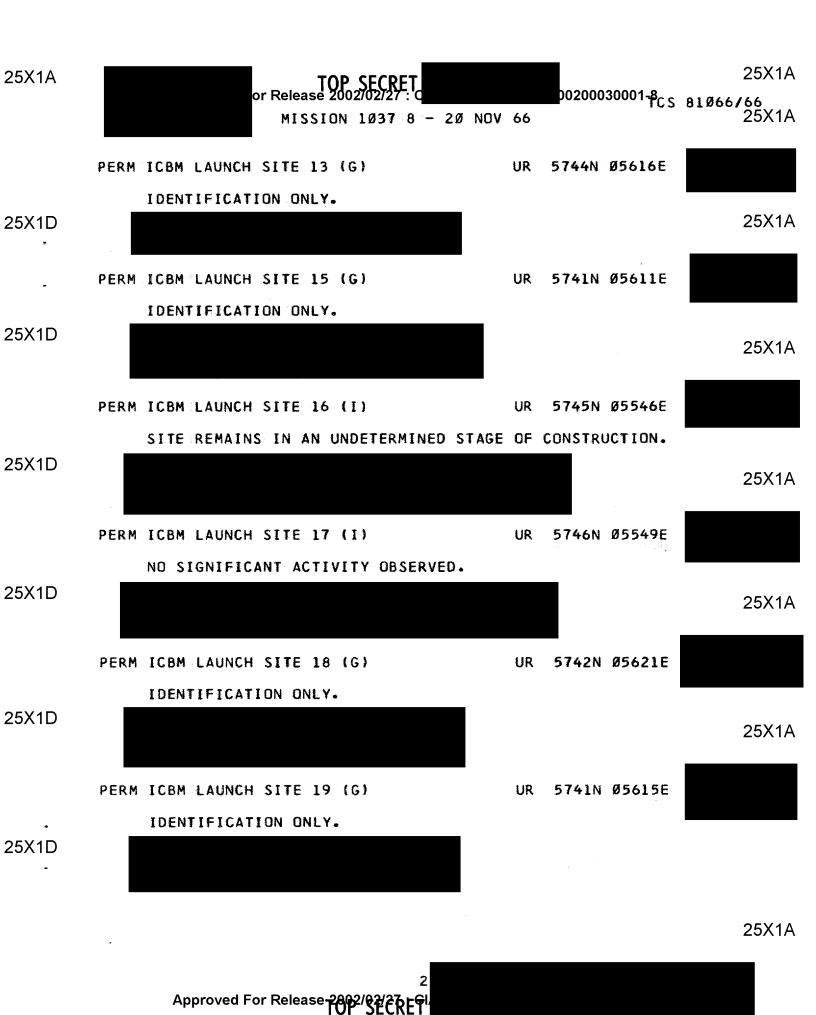


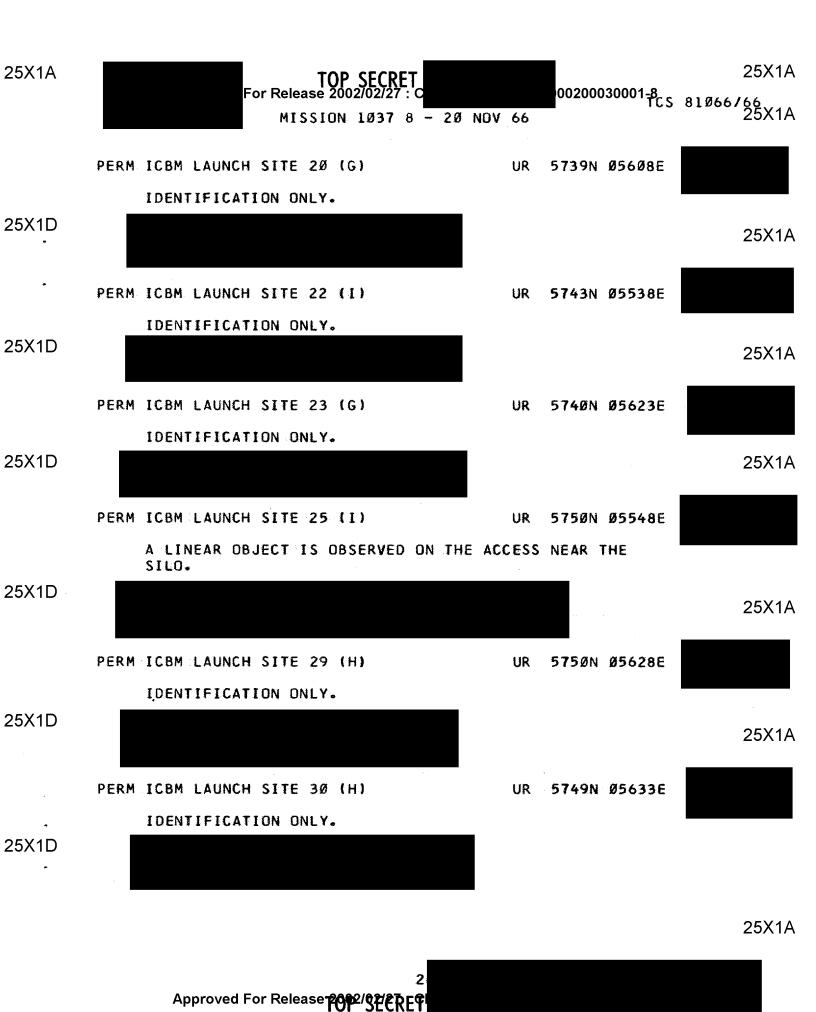


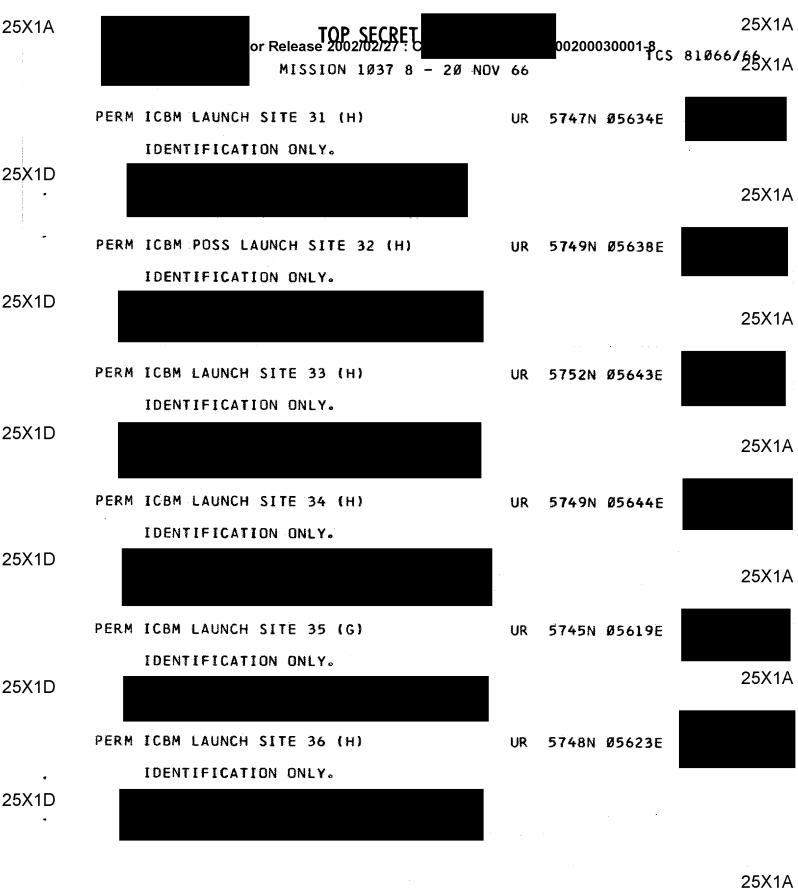


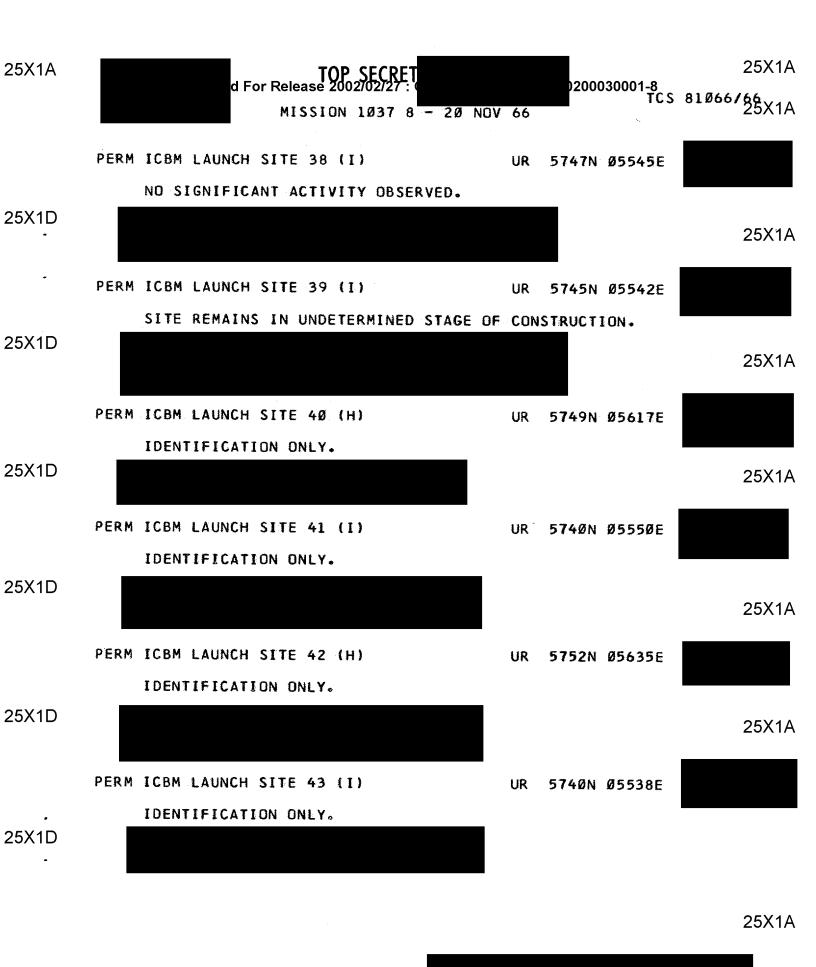




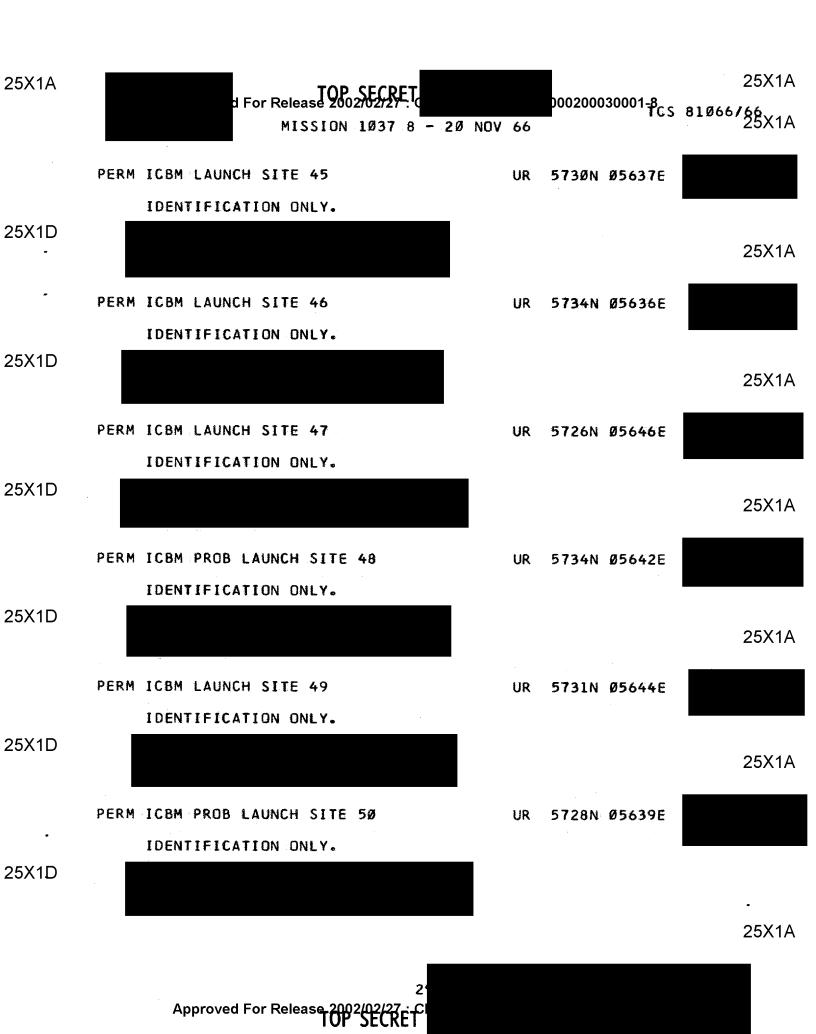


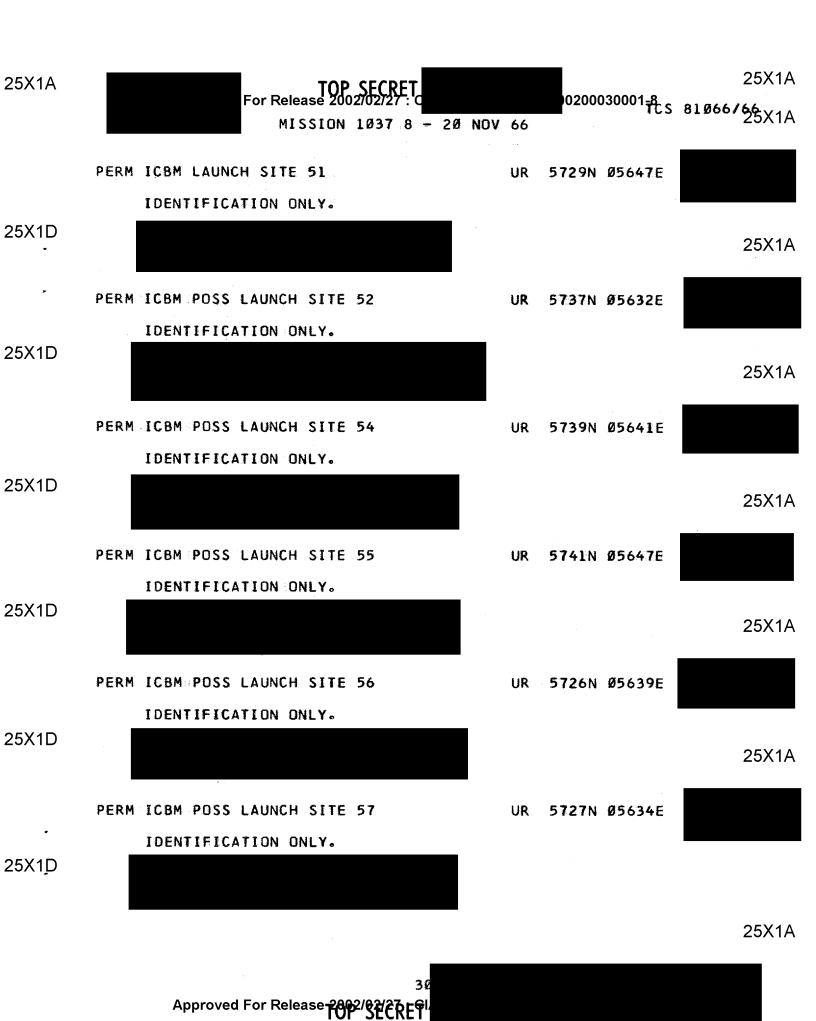


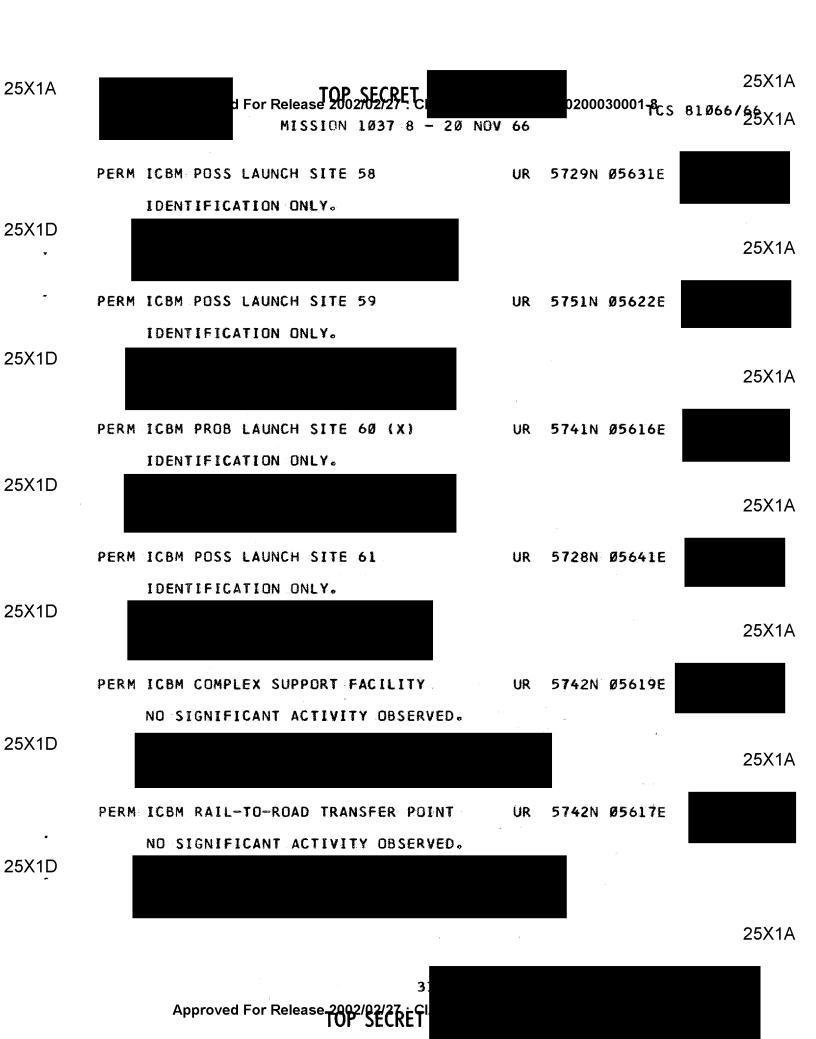




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25X1D

For Release 2002/02/27 : 0

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25X1A

MISSION 1037 8 - 20 NOV 66

25X1A

TATISHCHEVO ICBM COMPLEX

UR 514ØN Ø4534E

THE COMPLEX IS COVERED BY PHOTOGRAPHY OF POOR INTERPRETABILITY, AND ALL BUT 4 SITES ON THE NE SIDE IS OBSERVED. A TOTAL OF 7 NEW SITES IS NEWLY IDENTIFIED. SIX NEW SITES, NUMBERS 125 THROUGH 130, ARE REPORTED IN NPIC CABLE AND THE SEVENTH NEW SITE. CONTROL SITE 124, IS REPORTED IN THE DAK FOR THIS MISSION. CONTROL SITE 124 STARTS A NEW LAUNCH GROUP DESIGNATED AS THE K GROUP. SITE 94 IS IDENTIFIED AS THE CONTROL SITE FOR THE H GROUP. SITES 24, 25, AND 57 IN THE C GROUP ARE COMPLETE. THE LAUNCH SITES IN THE COMPLETED C GROUP HAVE BEEN GIVEN THE DECEPTIVE ROAD PATTERN TREATMENT EMPLOYED BY THE SOVIETS AT OTHER ICBM SITES. CABLING HAS BEGUN FROM LAUNCH SITES TO CONTROL SITE 91 IN THE I GROUP. FENCING AT CONTROL SITE 77 IN THE E GROUP HAS BEEN EXTENDED SUFFICIENTLY TO THE NORTH TO ACCOMMODATE AN ELECTRONIC FACILITY.

WHERE MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES ARE OBSERVED AT INDIVIDUAL COMPLEX TARGETS, THEY ARE REPORTED. OTHERWISE, ONLY THE PHRASE NO SIGNIFICANT ACTIVITY WILL APPEAR. IF THE TARGET IS AN INCOMPLETE LAUNCH SITE, THE CONSTRUCTION STATUS WILL BE REPORTED.

25X1D

TATISHCHEVO ICBM LAUNCH SITE 1 (A)

UR 5148N Ø4539E

NO ACTIVITY OBSERVED.

25X1D

25X1D

TATISHCHEVO ICBM LAUNCH SITE 2 (A) UR 5151N Ø4541E

NO ACTIVITY OBSERVED.

TATISHCHEVO ICBM LAUNCH SITE 3 (A)

UR 5148N Ø4545E

NO ACTIVITY OBSERVED.

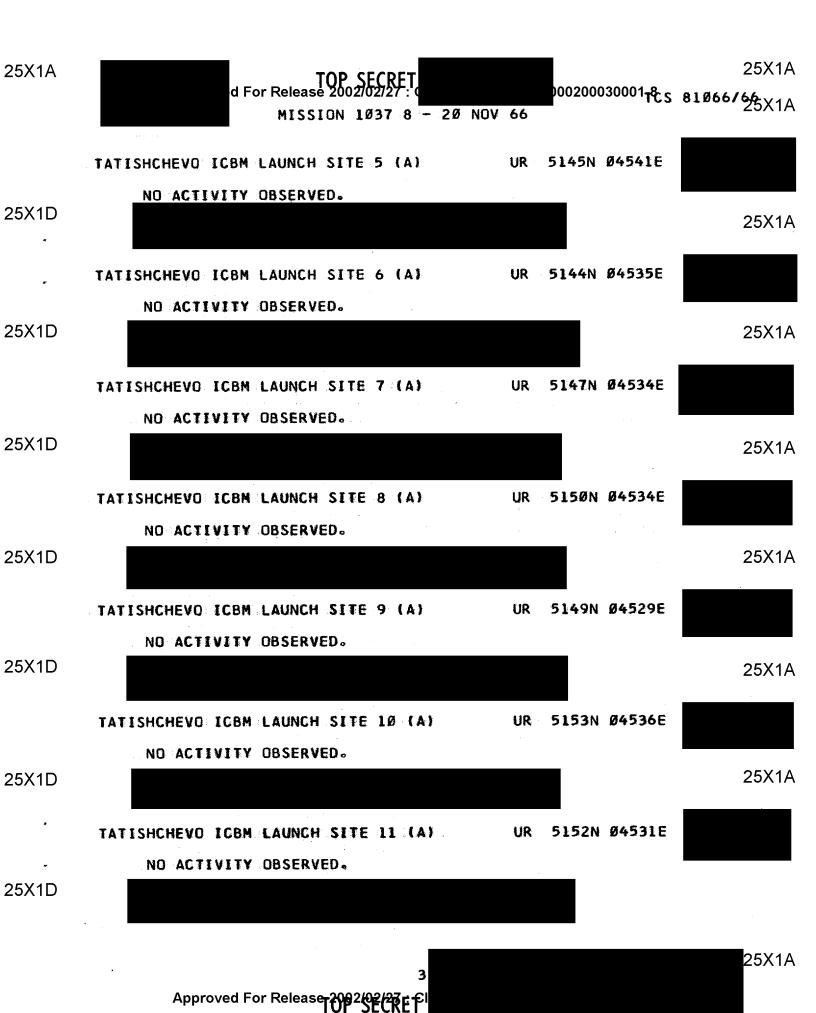
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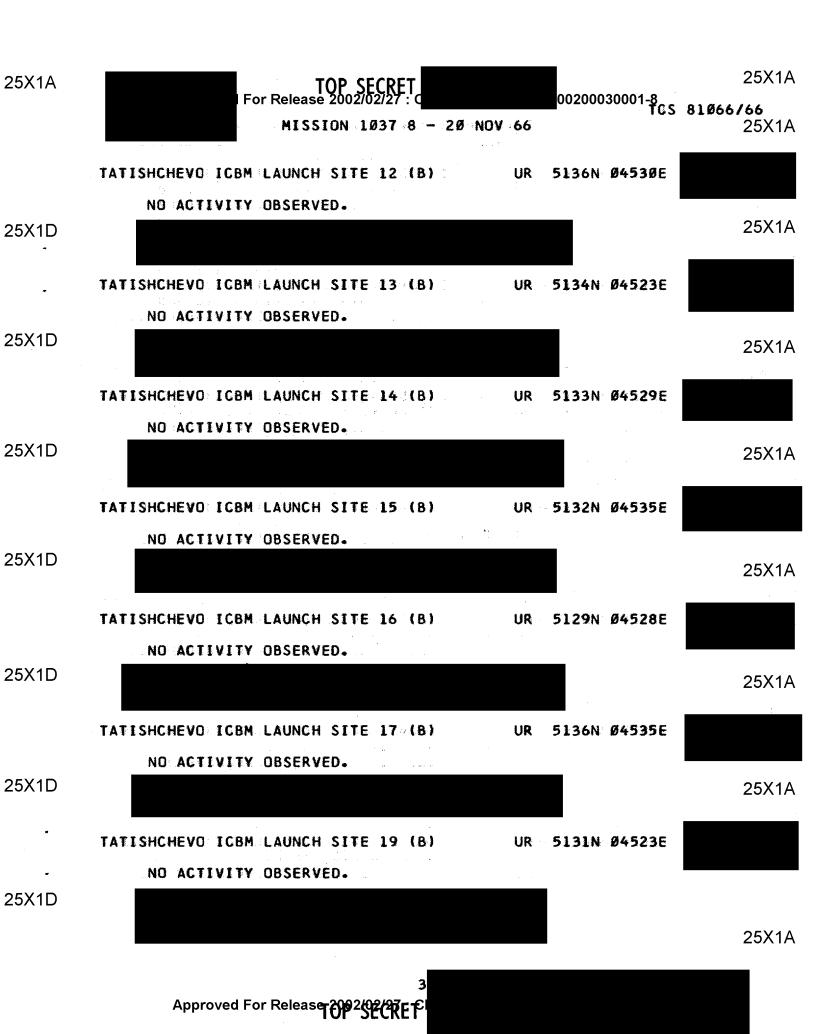
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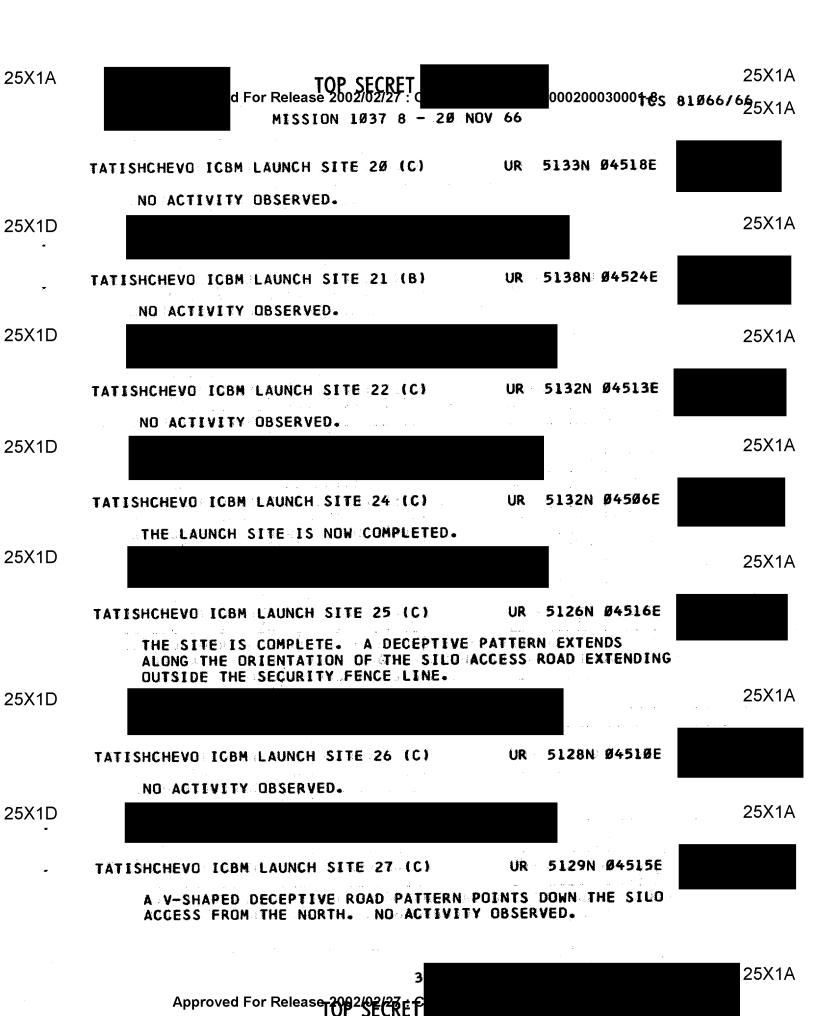
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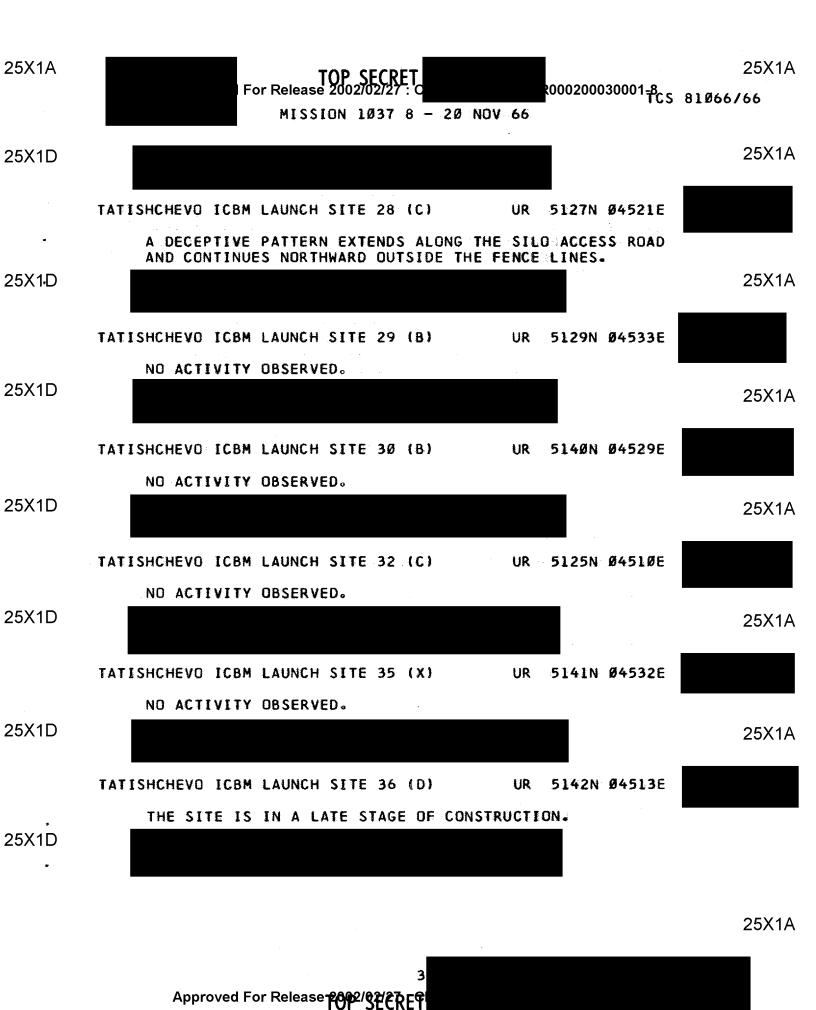
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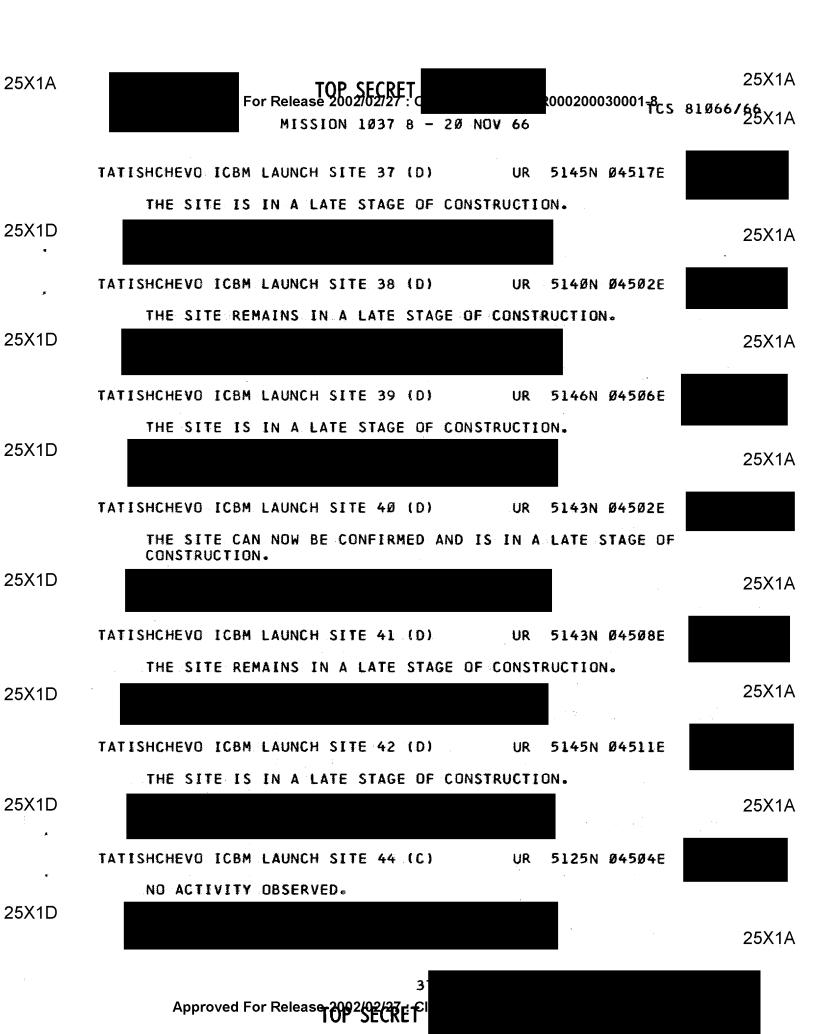
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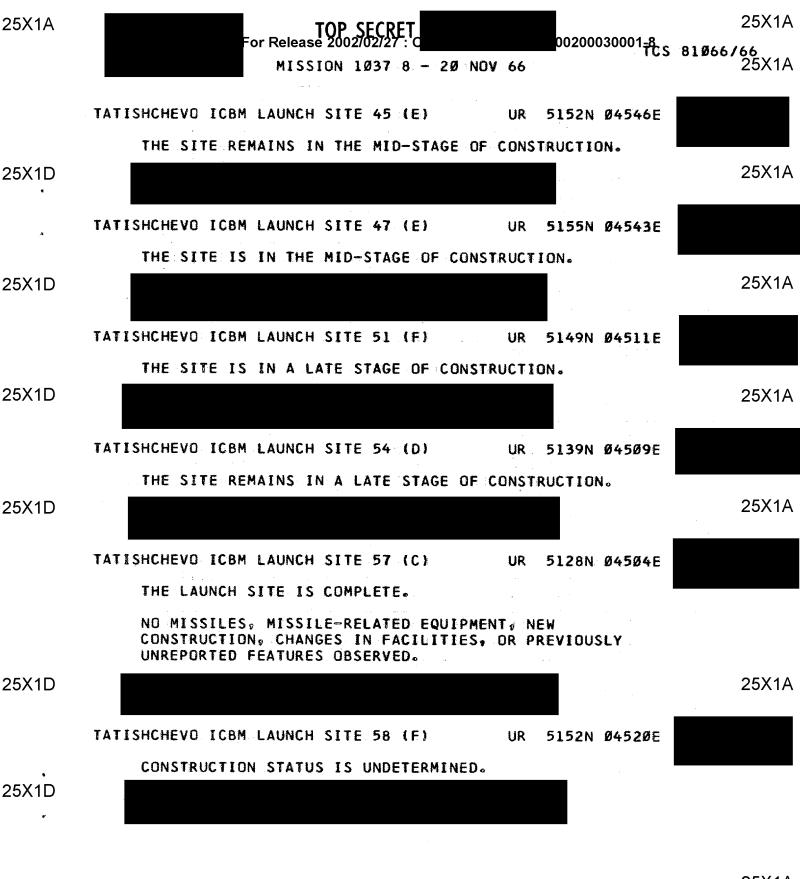






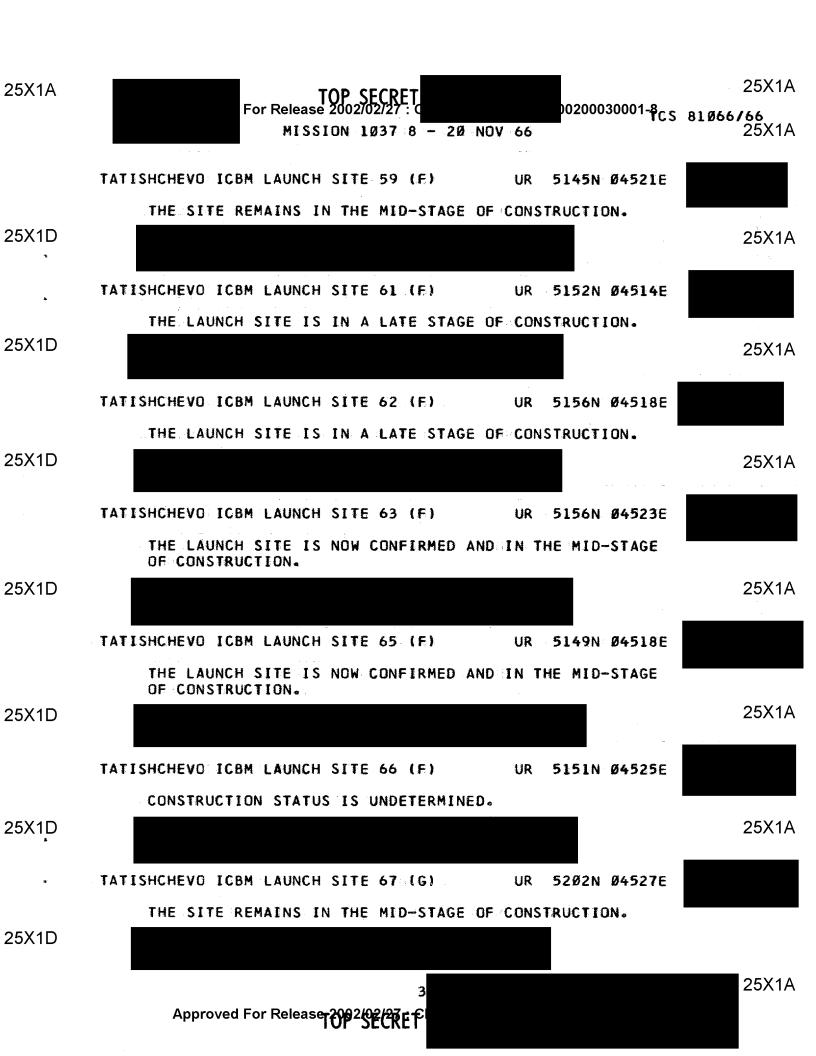


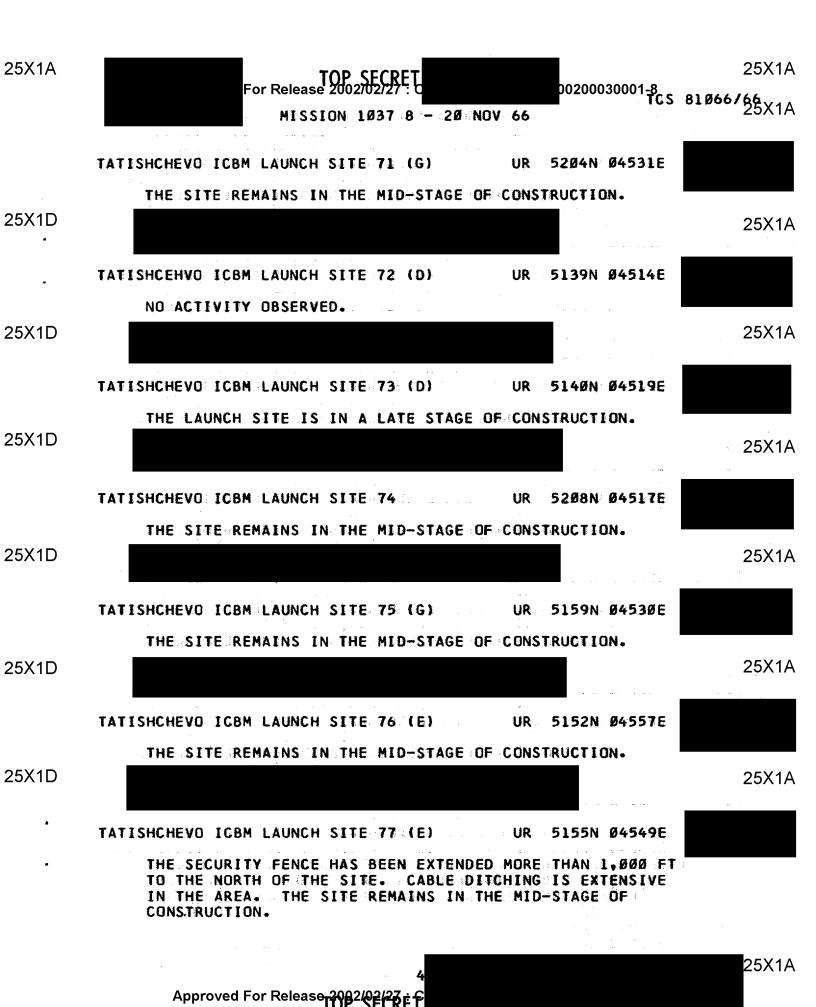


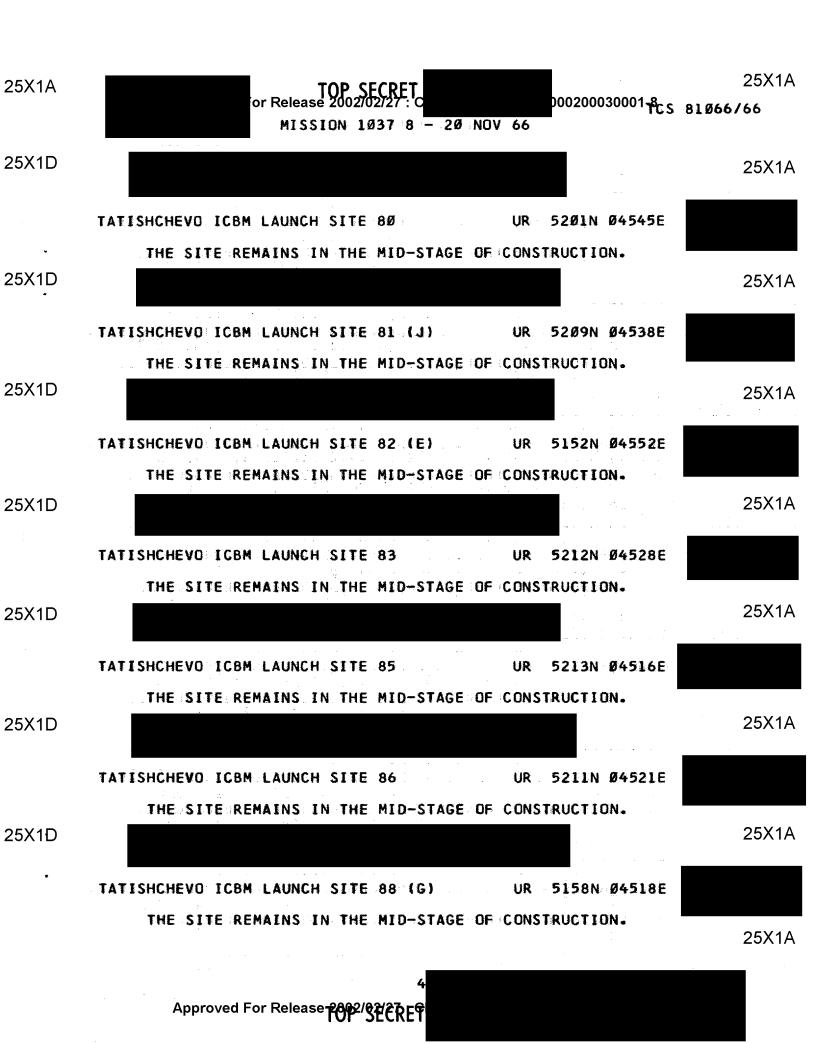


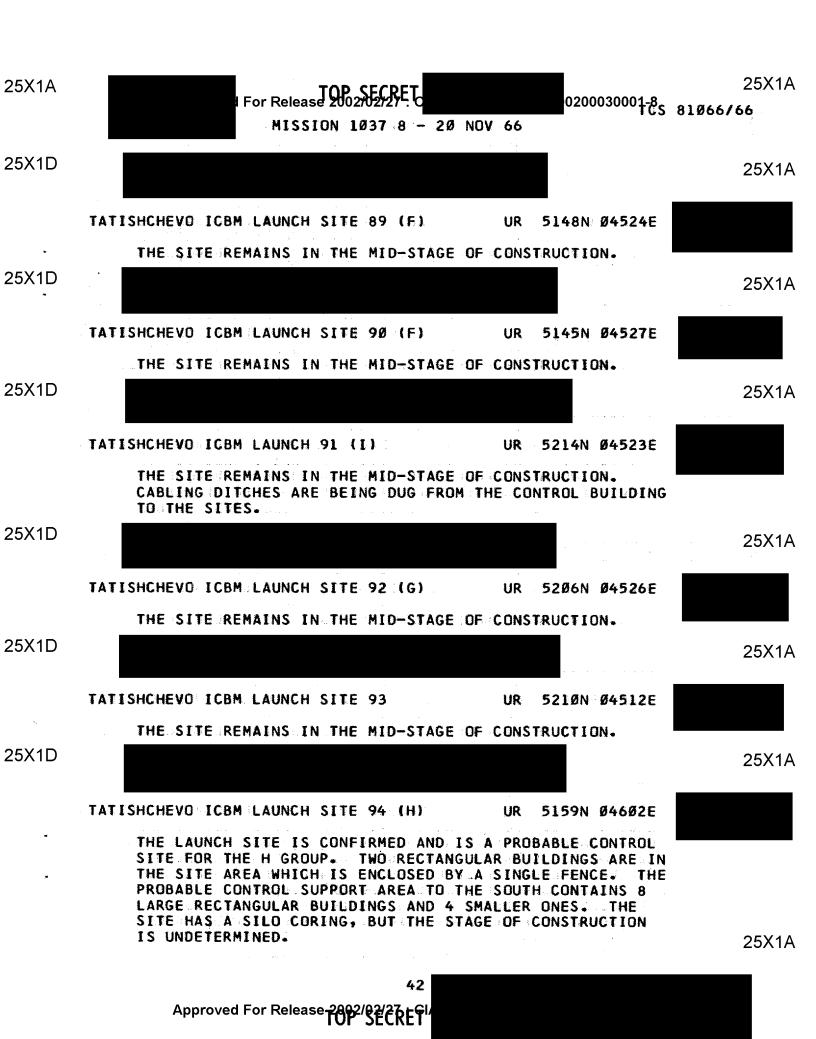
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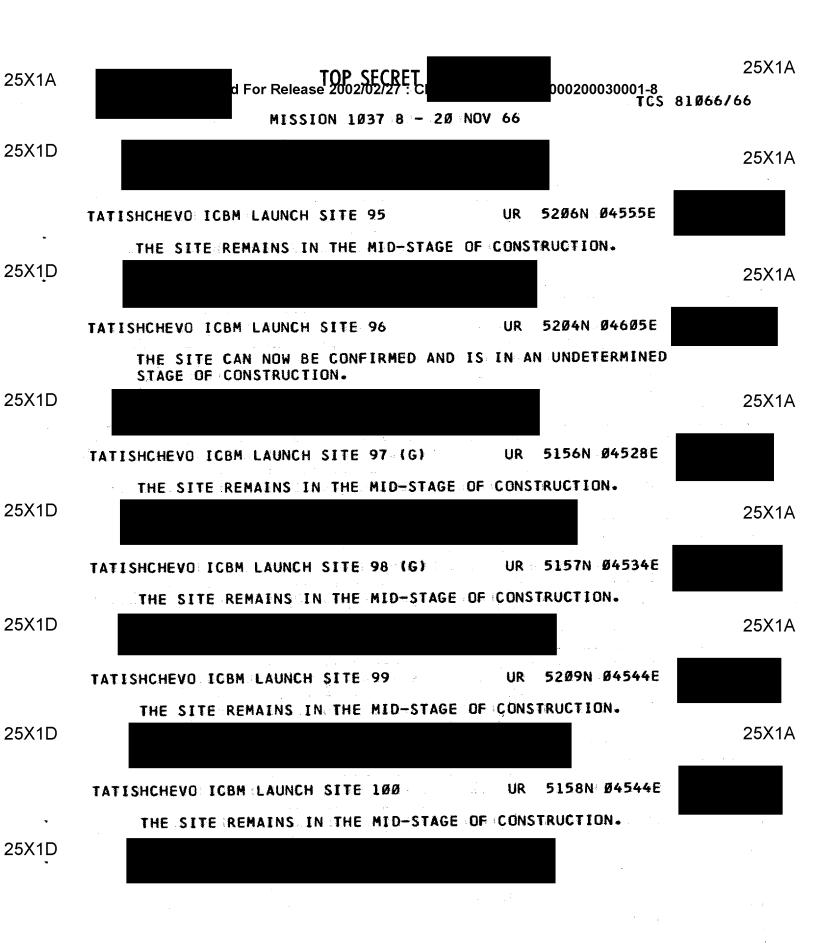
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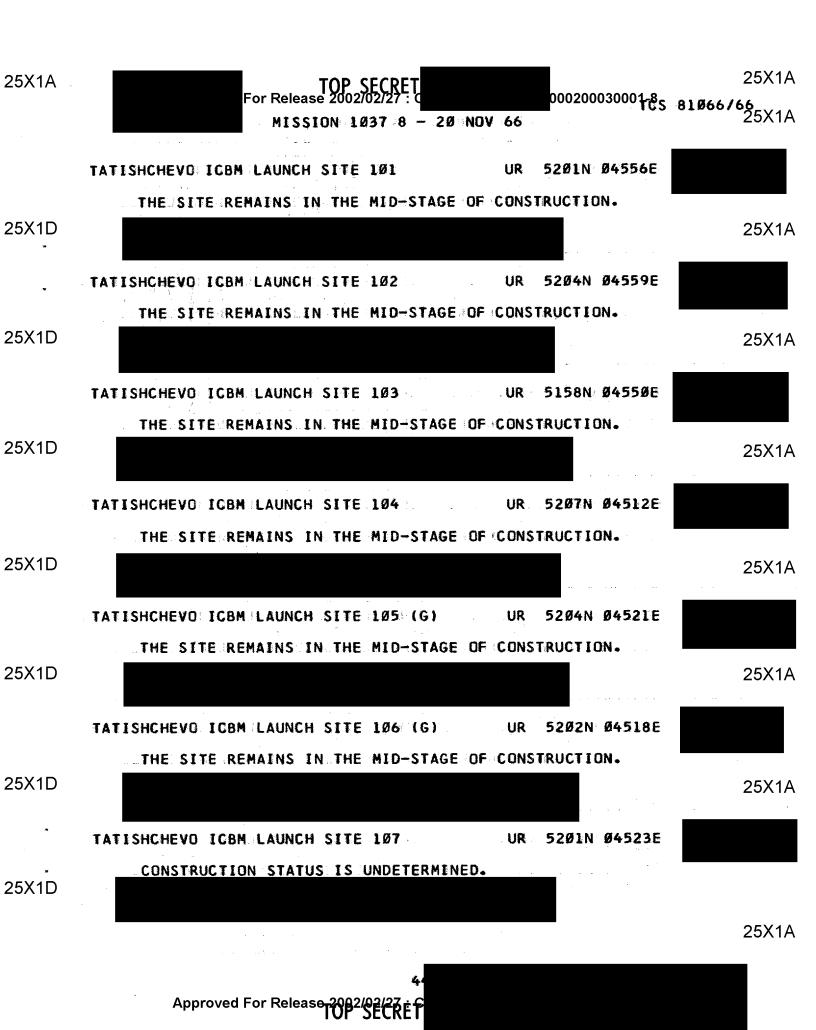


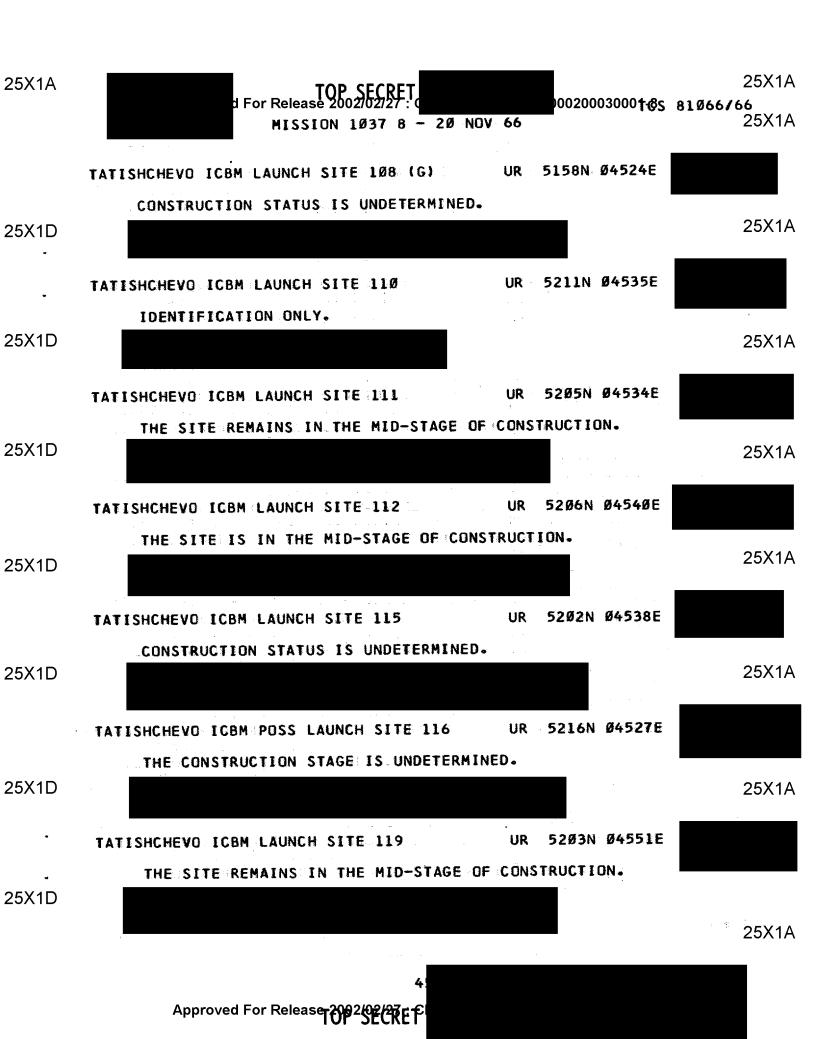


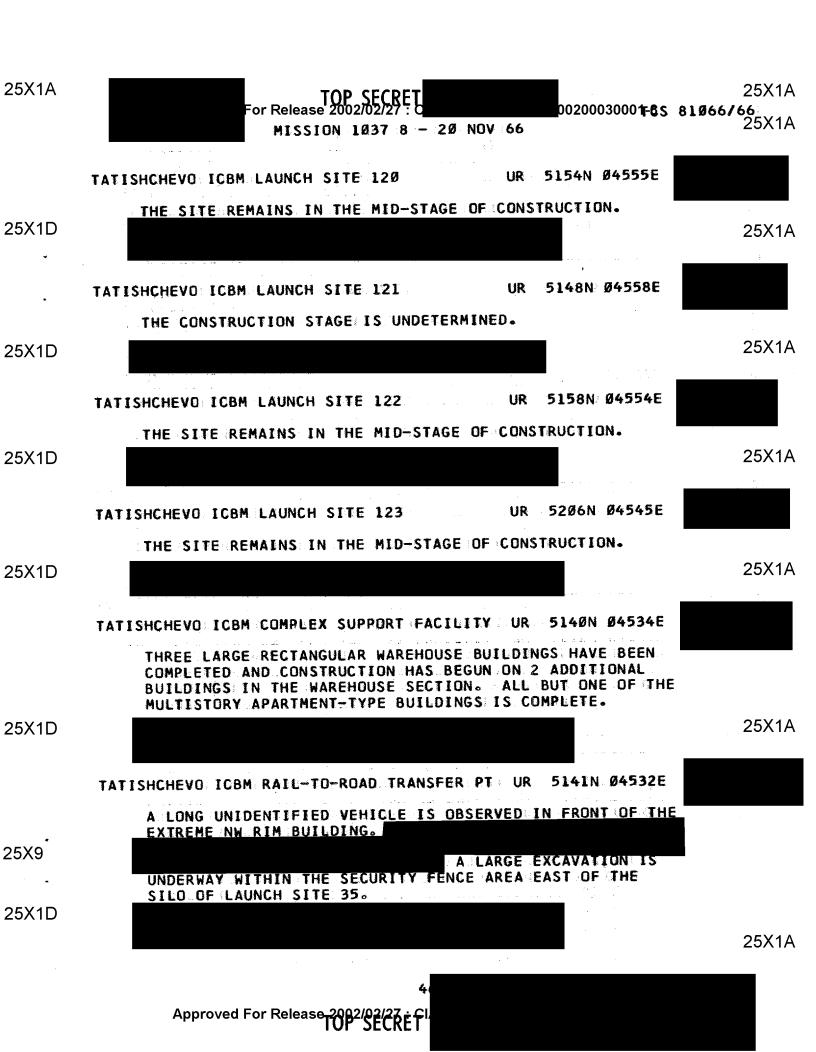


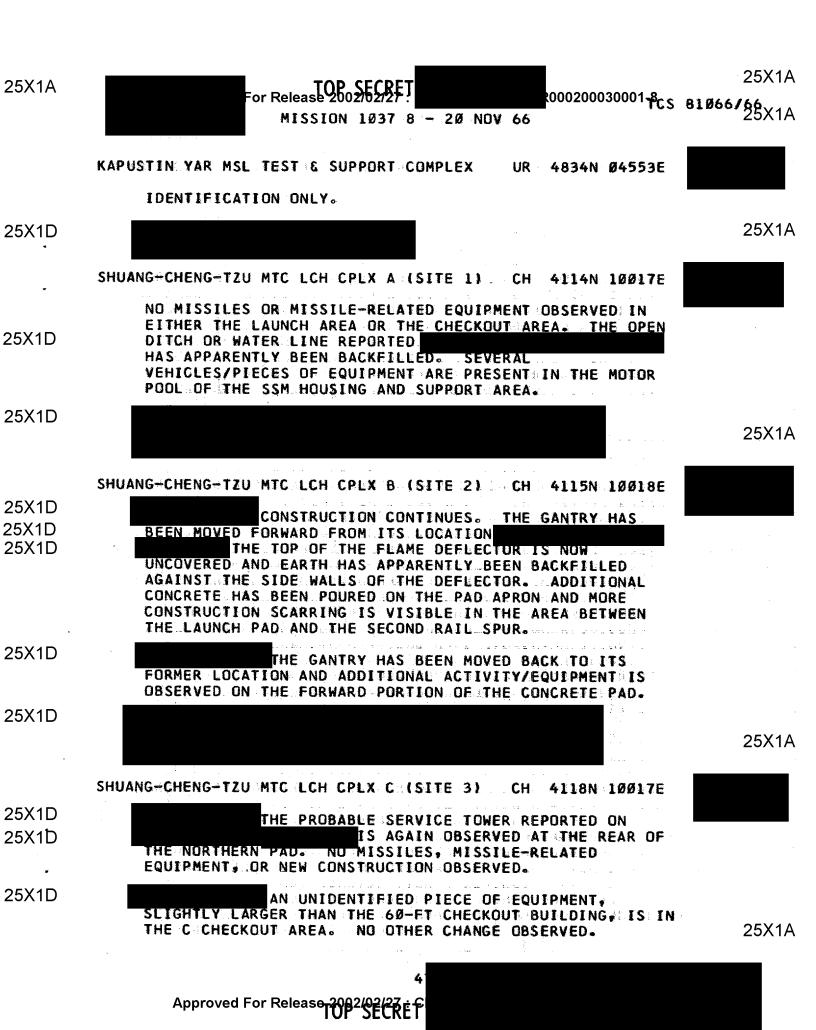


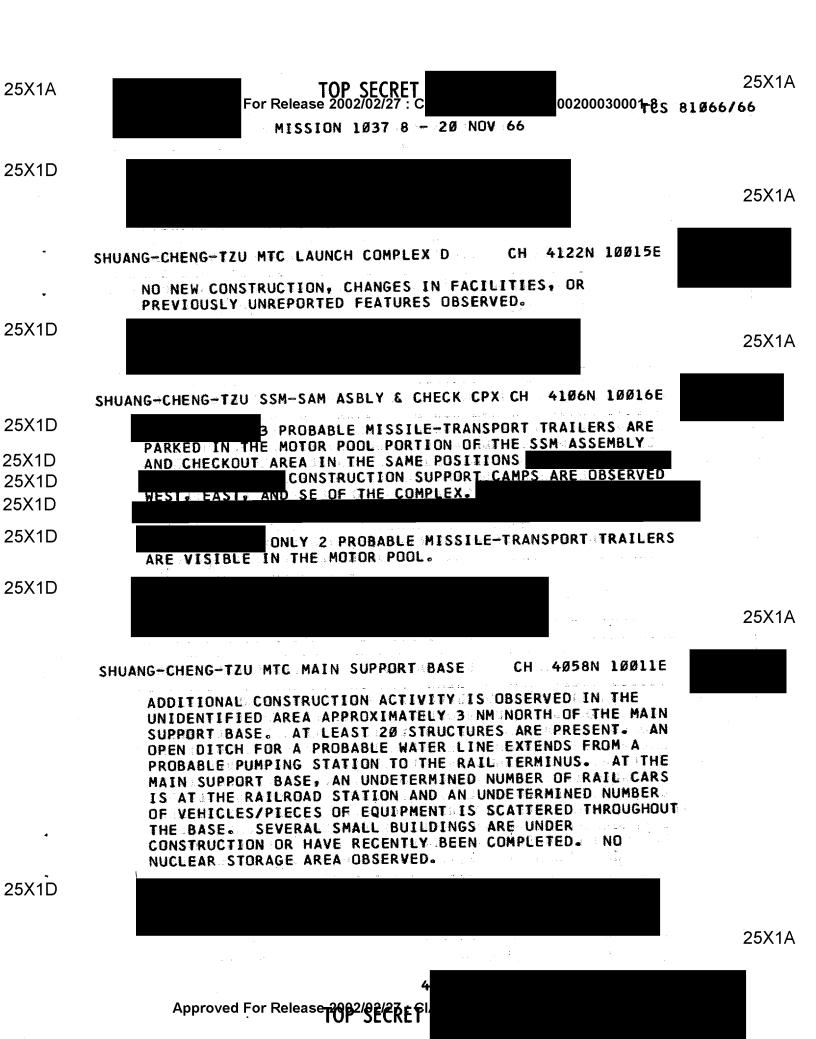


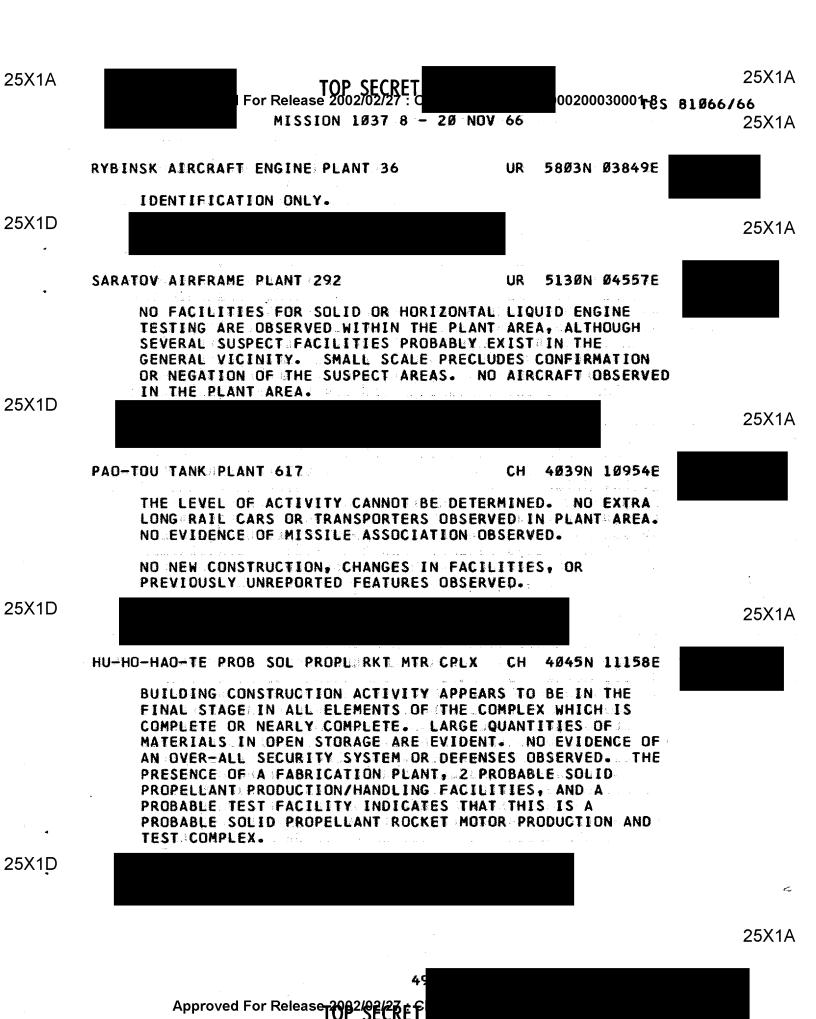




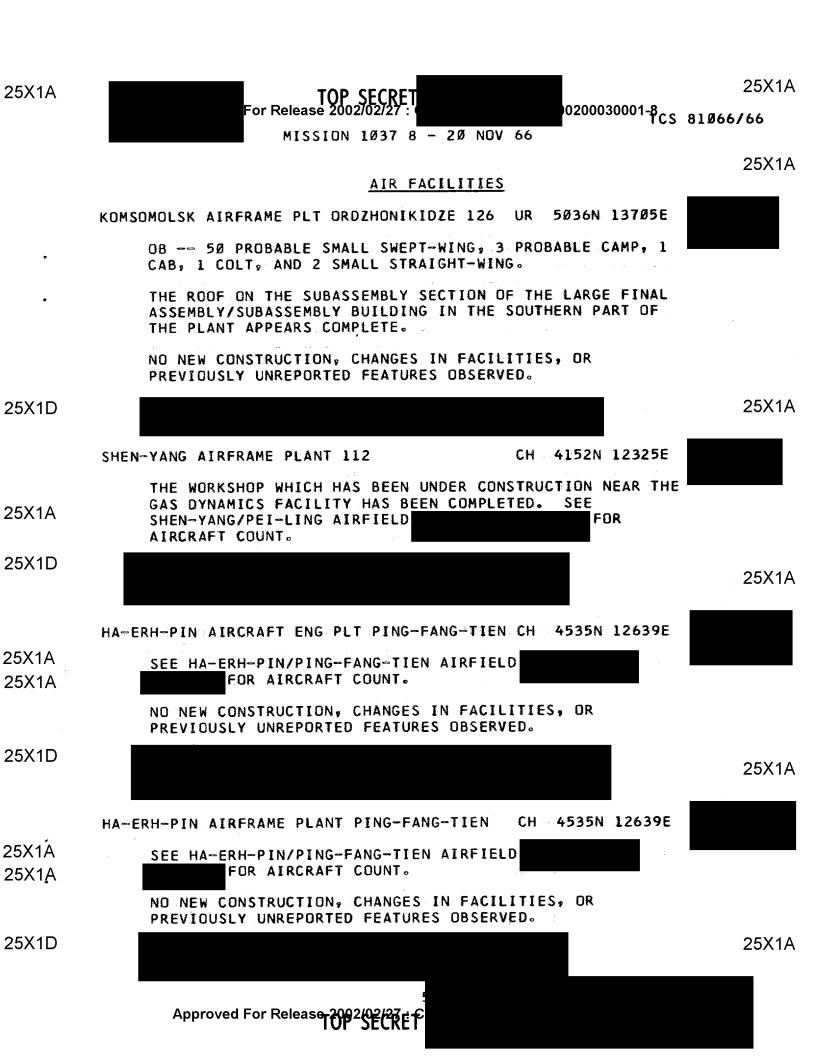


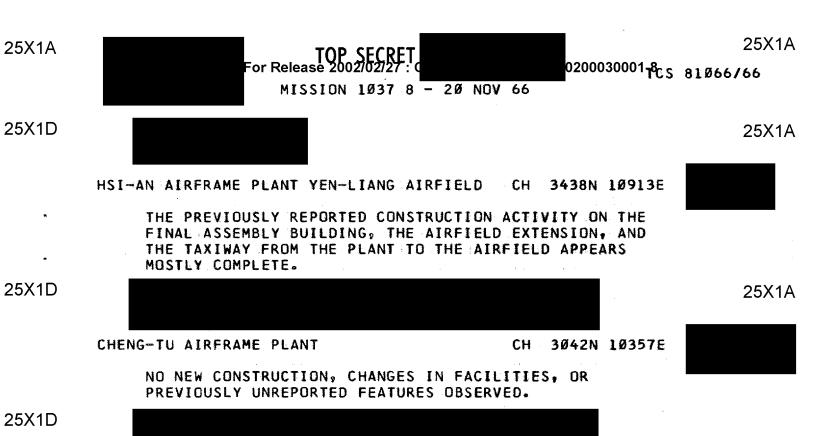






Air Facilities





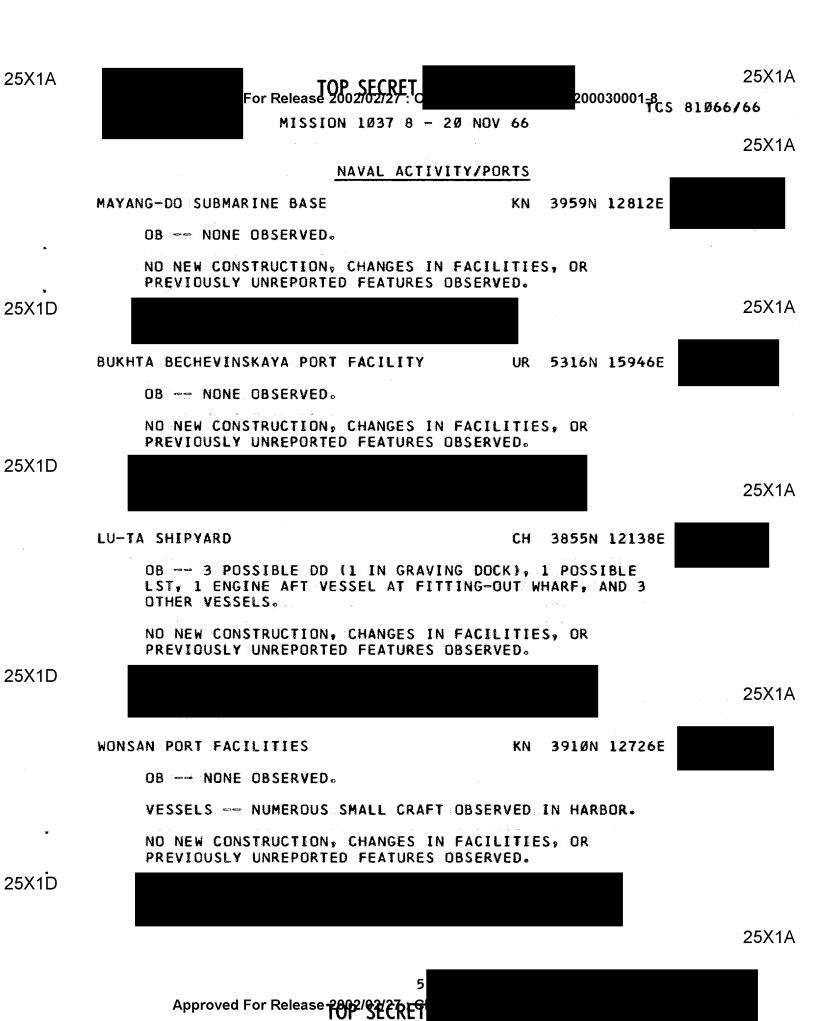
25X1A

Nuclear Energy

Next 2 Page(s) In Document Exempt

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Naval Activity/ Ports



25X1A

000200030001-8 TCS 81Ø66/66

25X1A

MISSION 1037 8 - 20 NOV 66

BAUTING PORT FACILITIES

UR 4432N Ø5Ø16E

VESSELS -- 1 COASTAL FREIGHTER, 1 BARGE WITH SUPERSTRUCTURE, 2 UNIDENTIFIED VESSELS, AND NUMEROUS SMALL CRAFT.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

25X1A

NAMPO NAVAL BASE AND PORT FACILITIES

KN 3843N 12524E

OB -- NONE OBSERVED.

VESSELS -- 2 DRY CARGO VESSELS, 1 TANKER IN PORT FACILITY, AND NUMEROUS SMALL CRAFT OBSERVED IN PORT AREA.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

25X1A

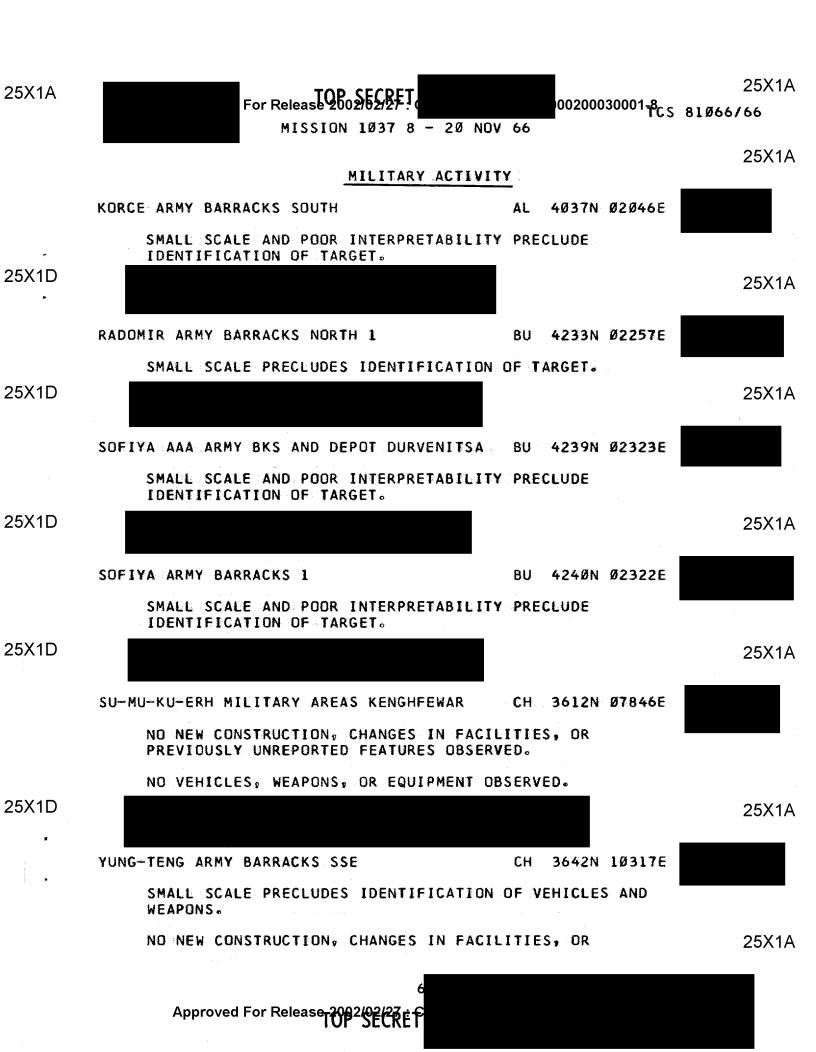
Approved For Release 2002/02/27 : CIA-RDP99T01396R000200030001-8

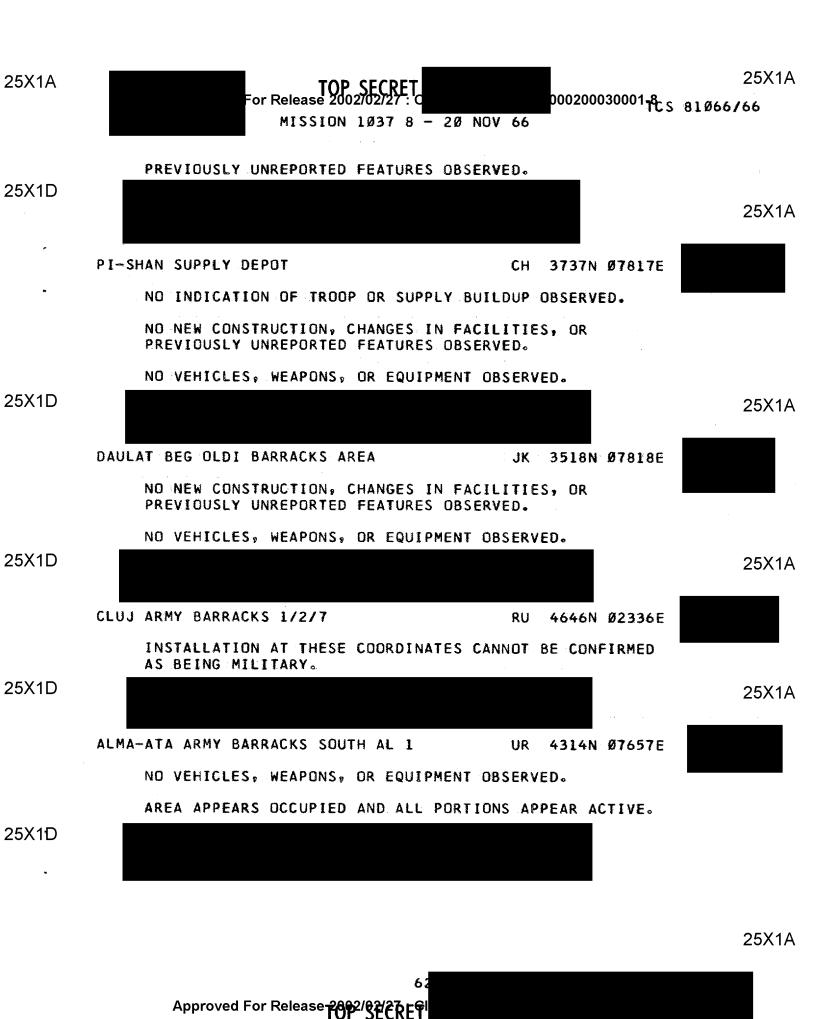
Biological/ Chemical Warfare

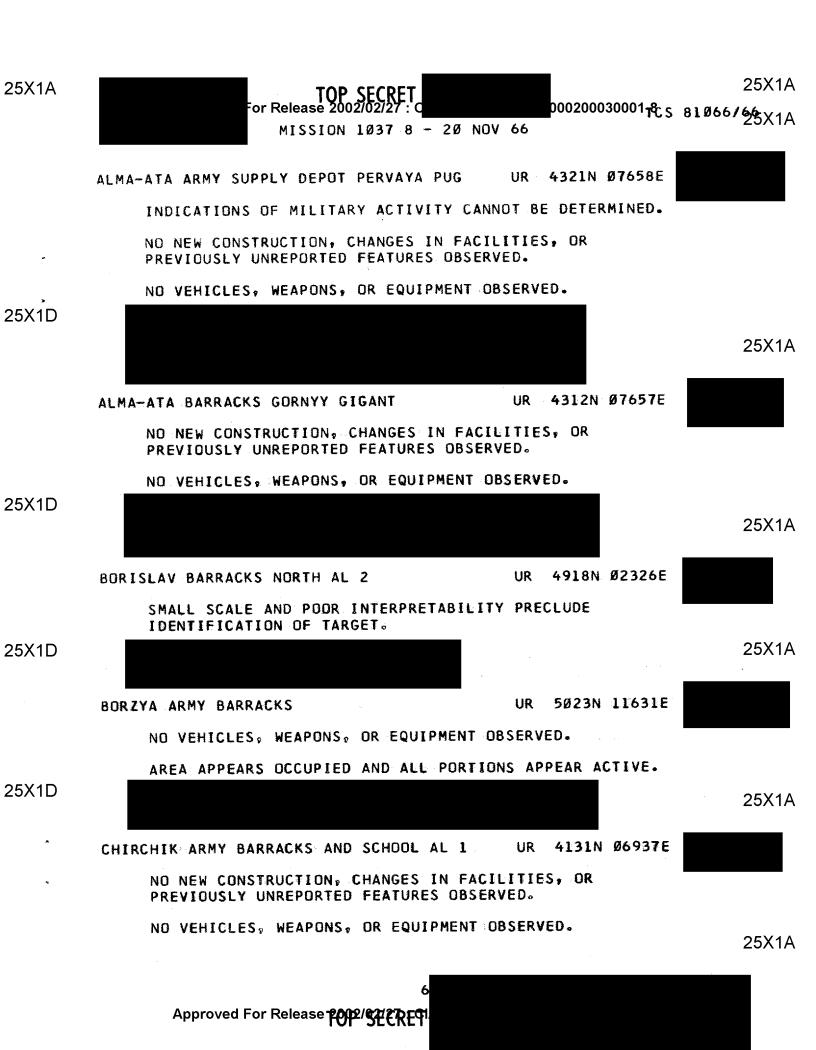
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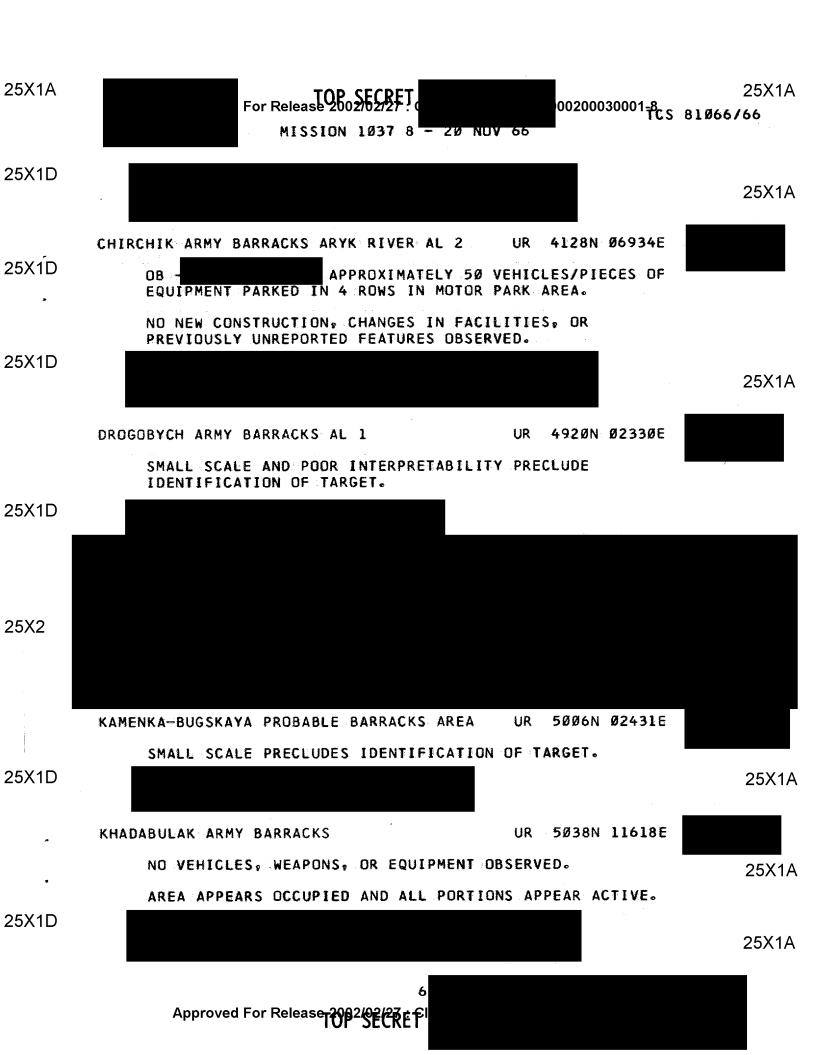
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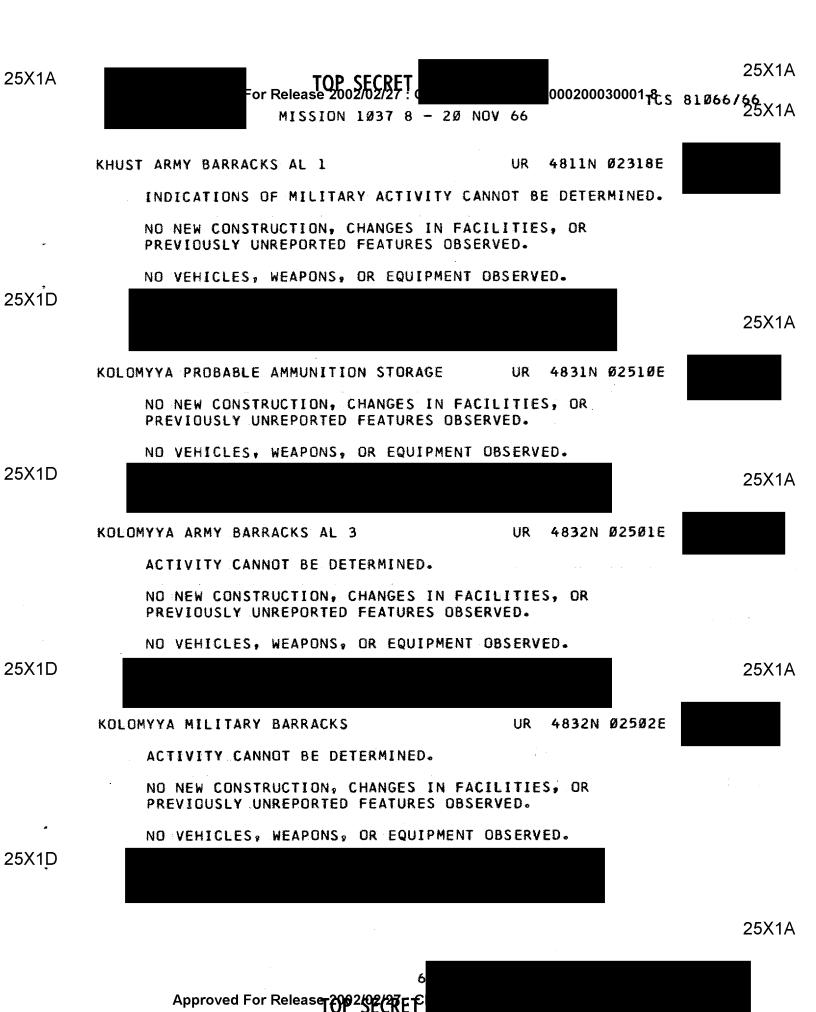
Military Activity

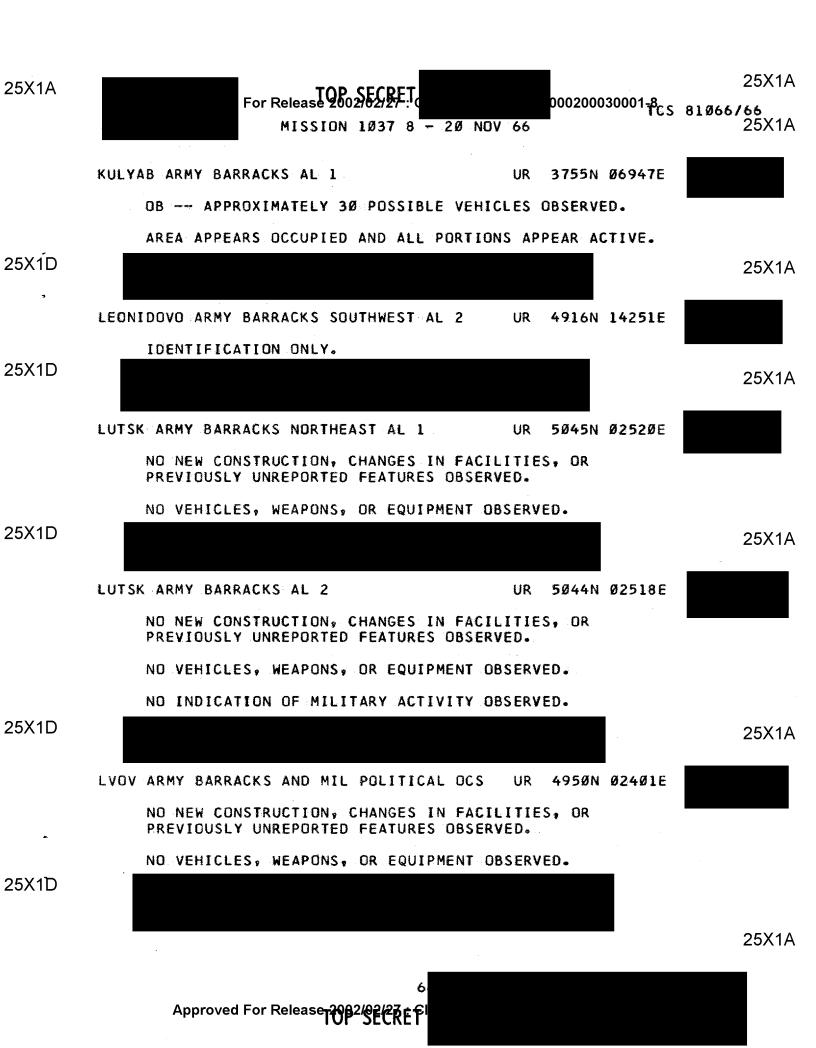


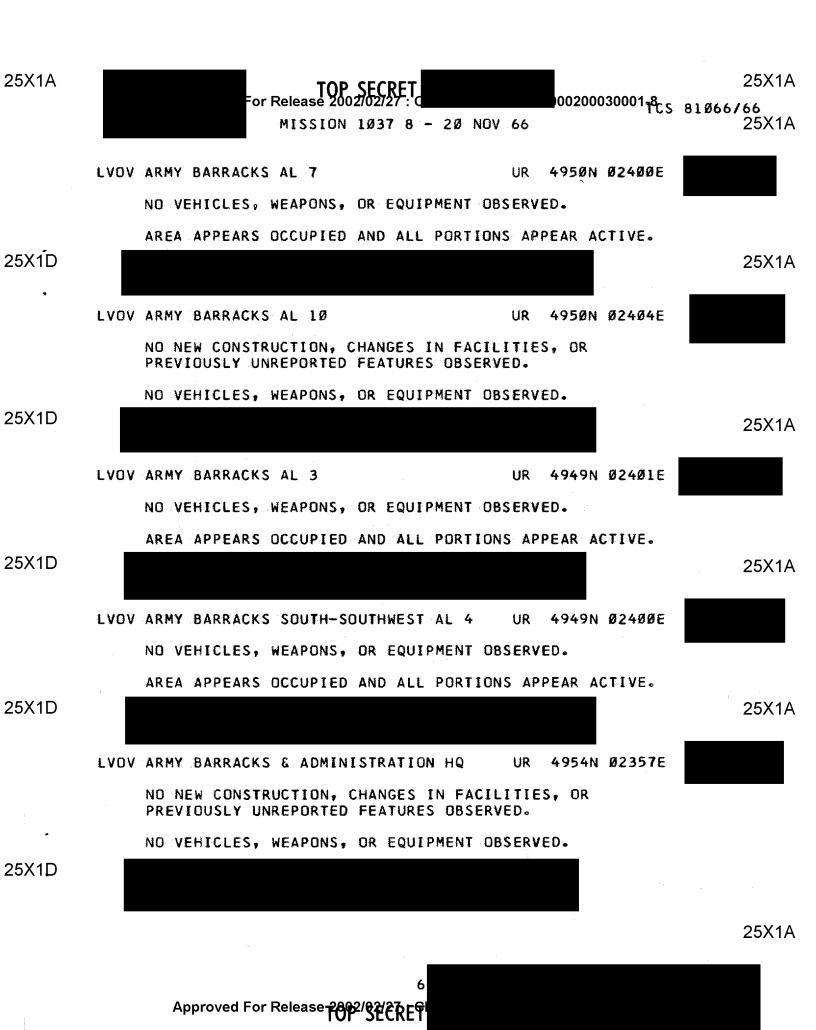


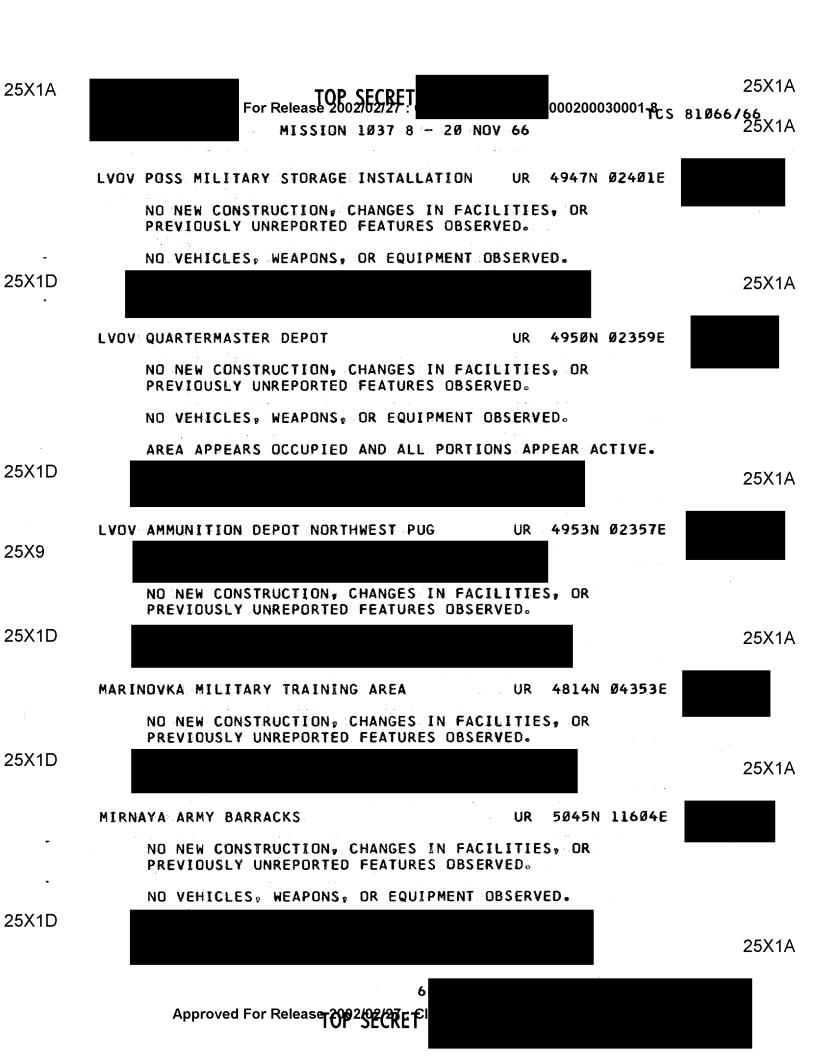


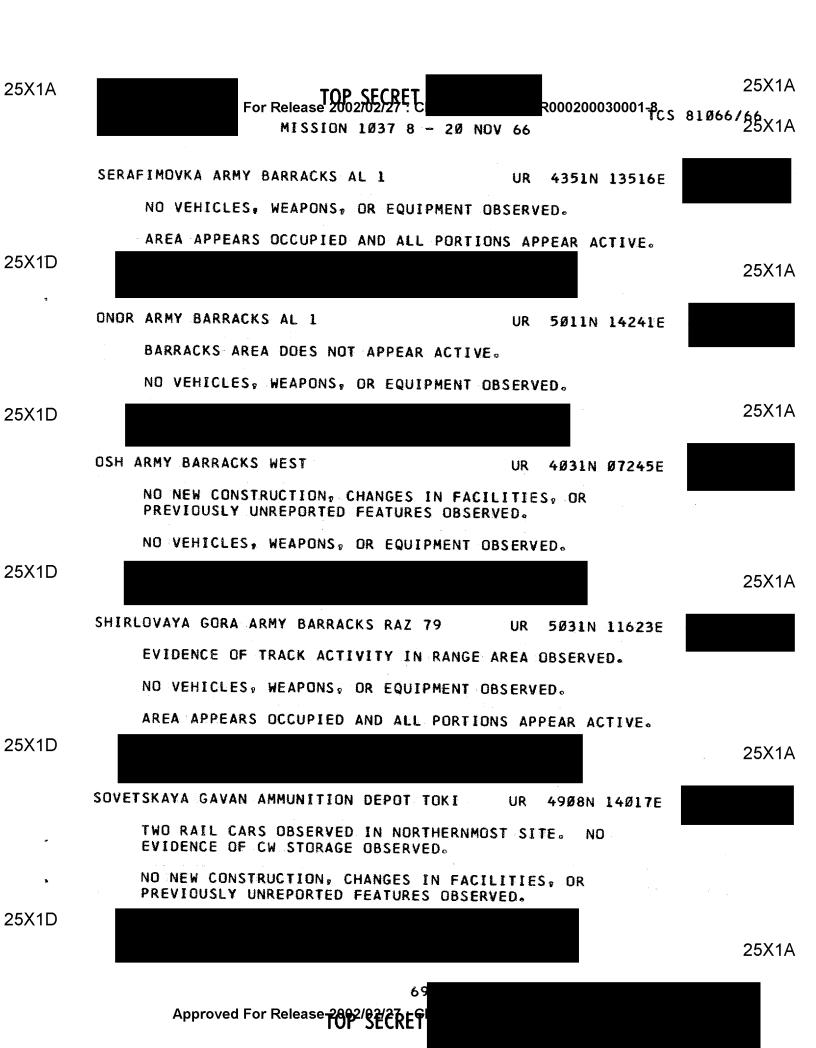


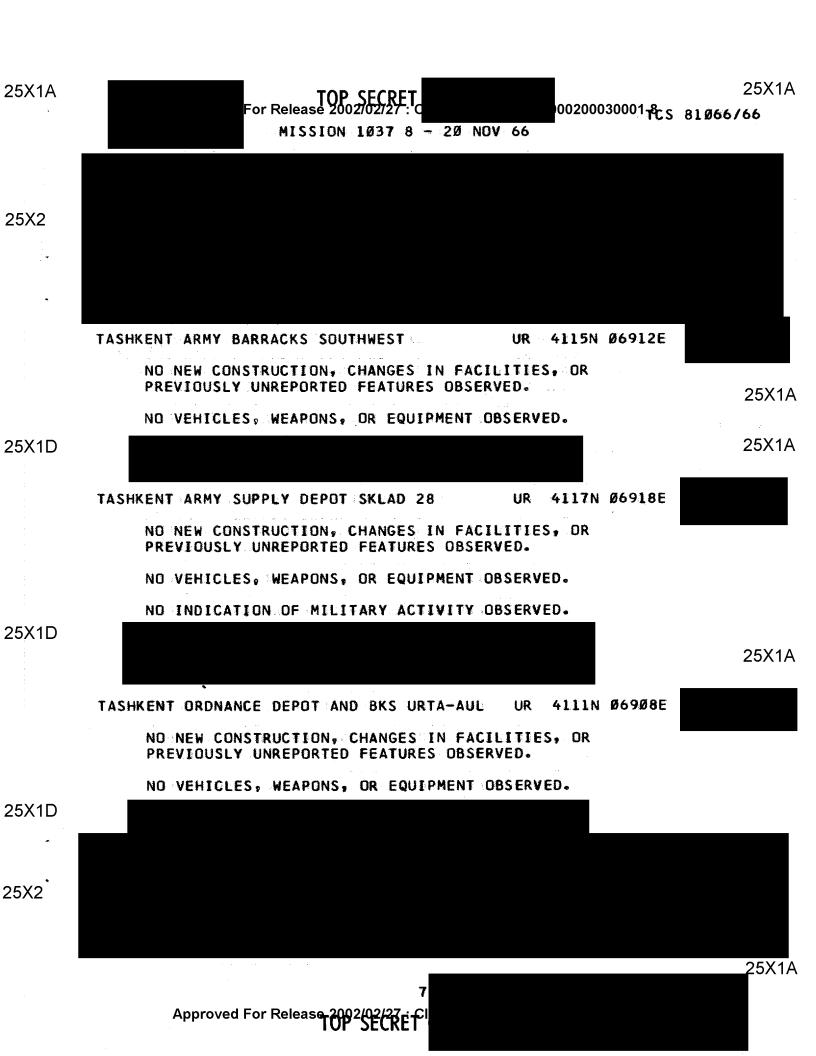


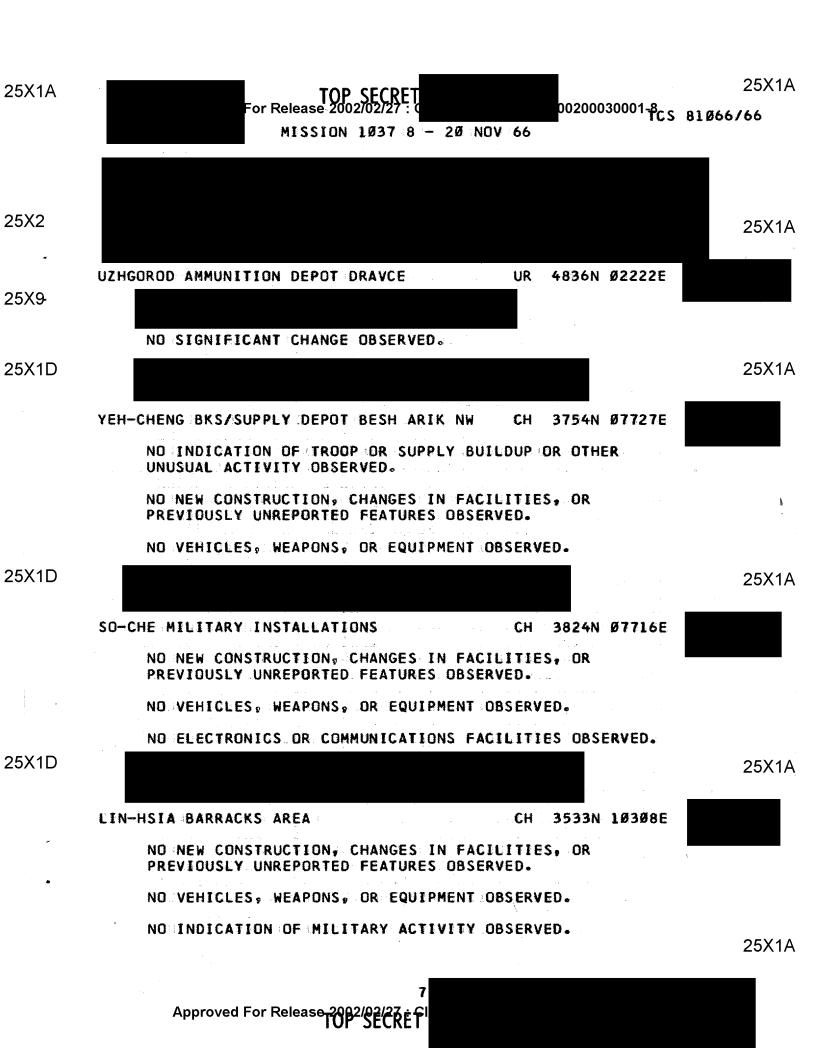


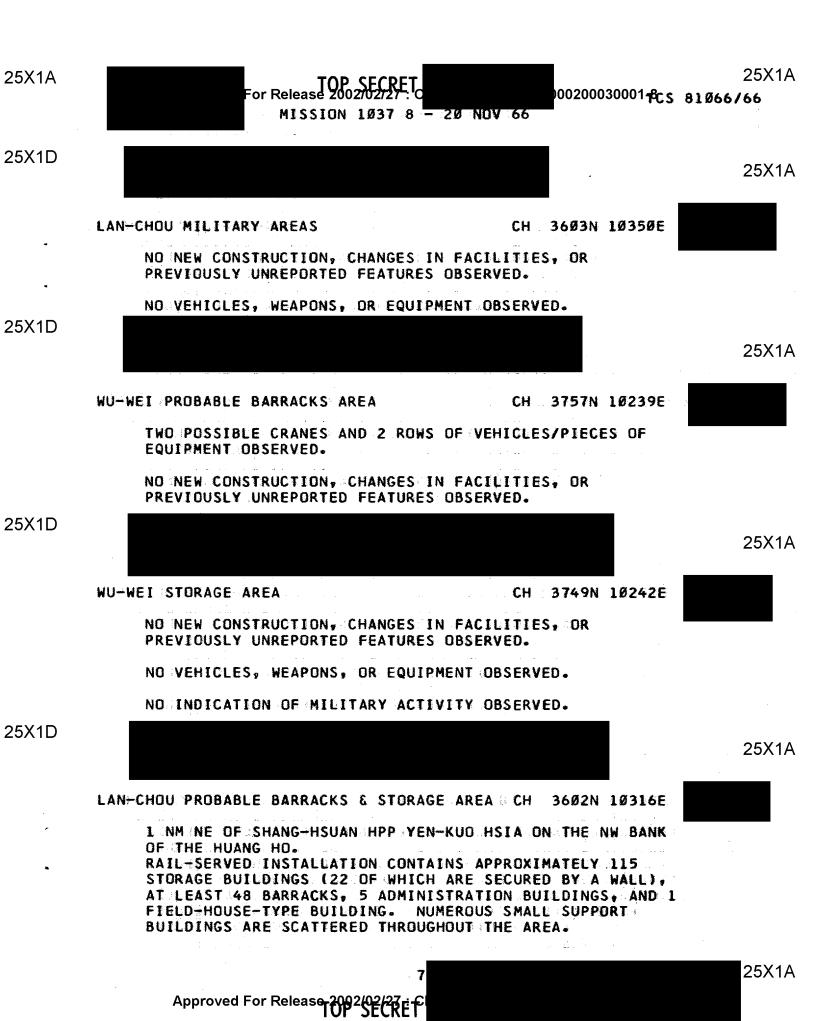












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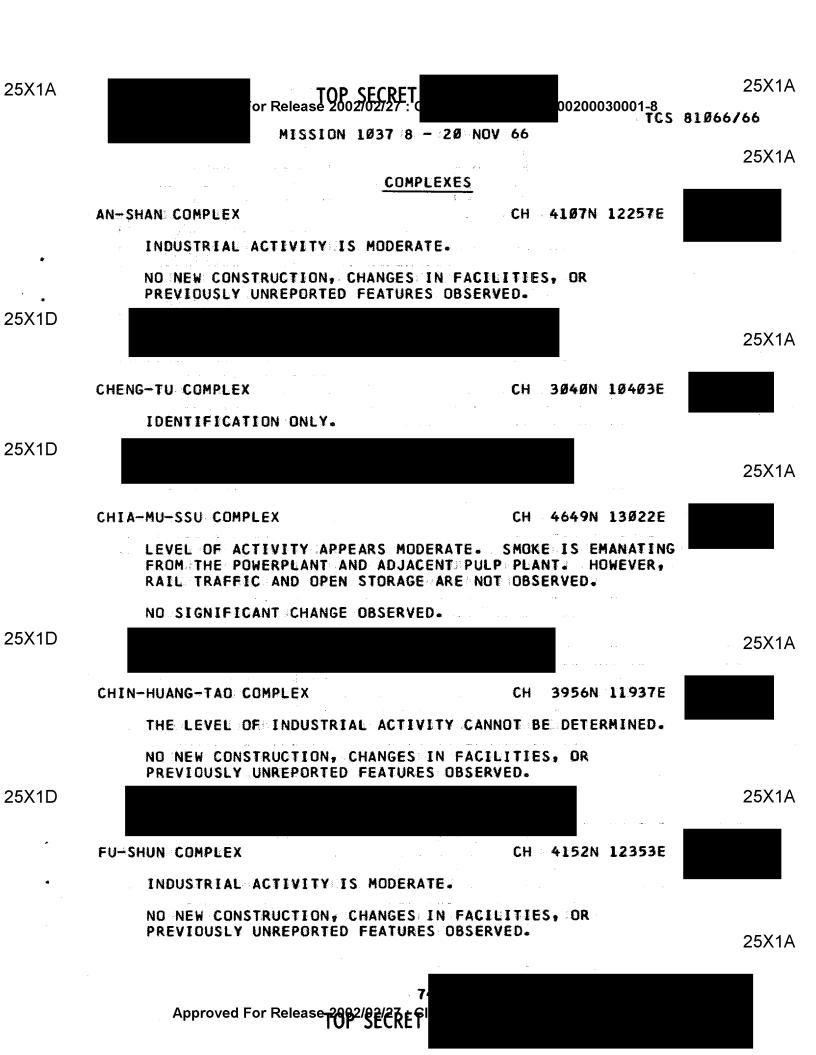
NO VEHICLES, WEAPONS, OR EQUIPMENT OBSERVED.

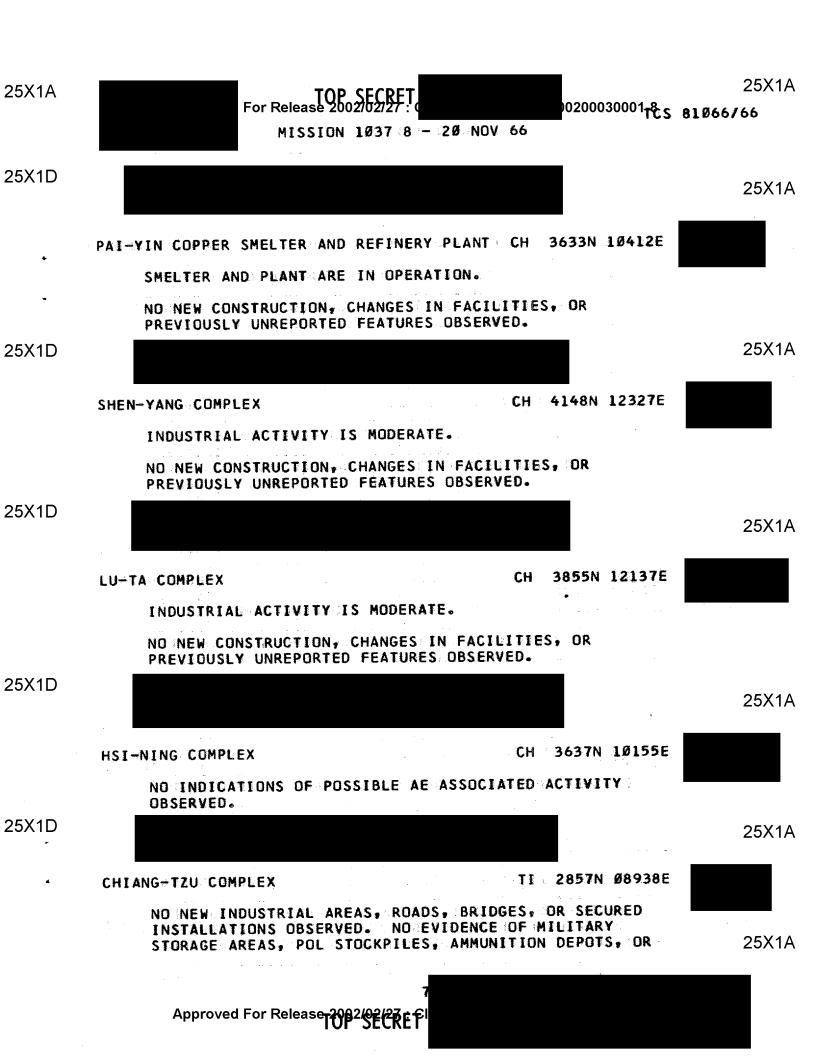
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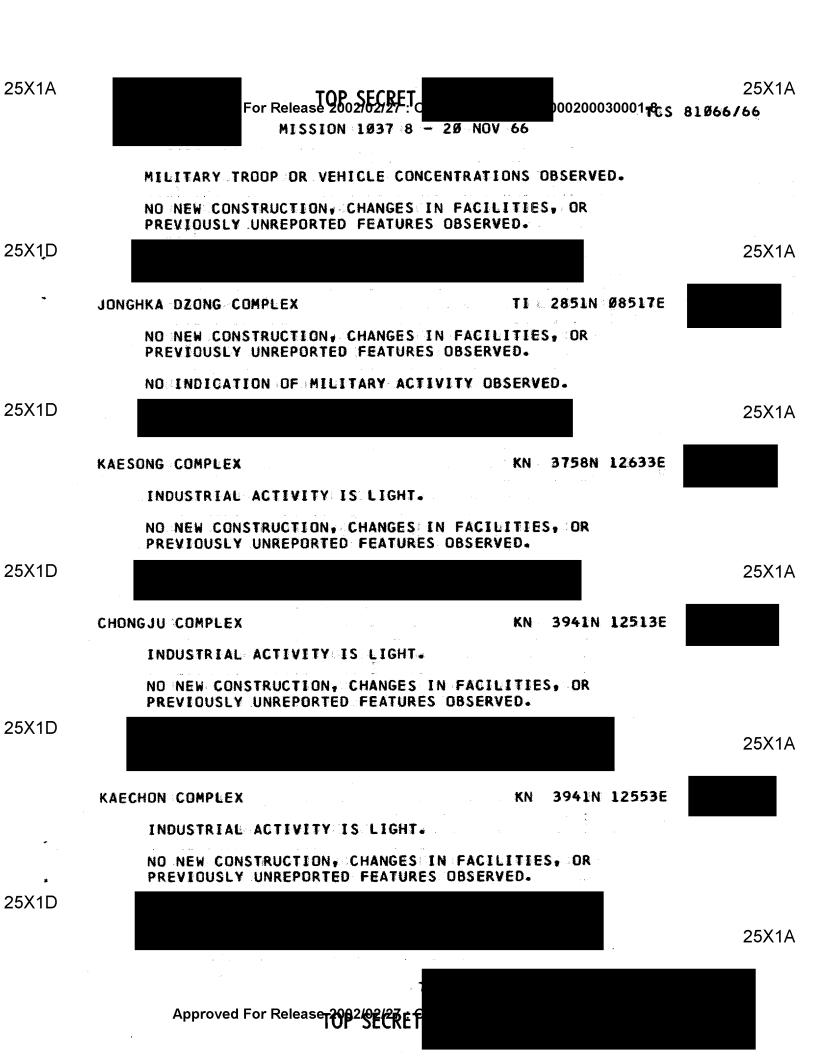
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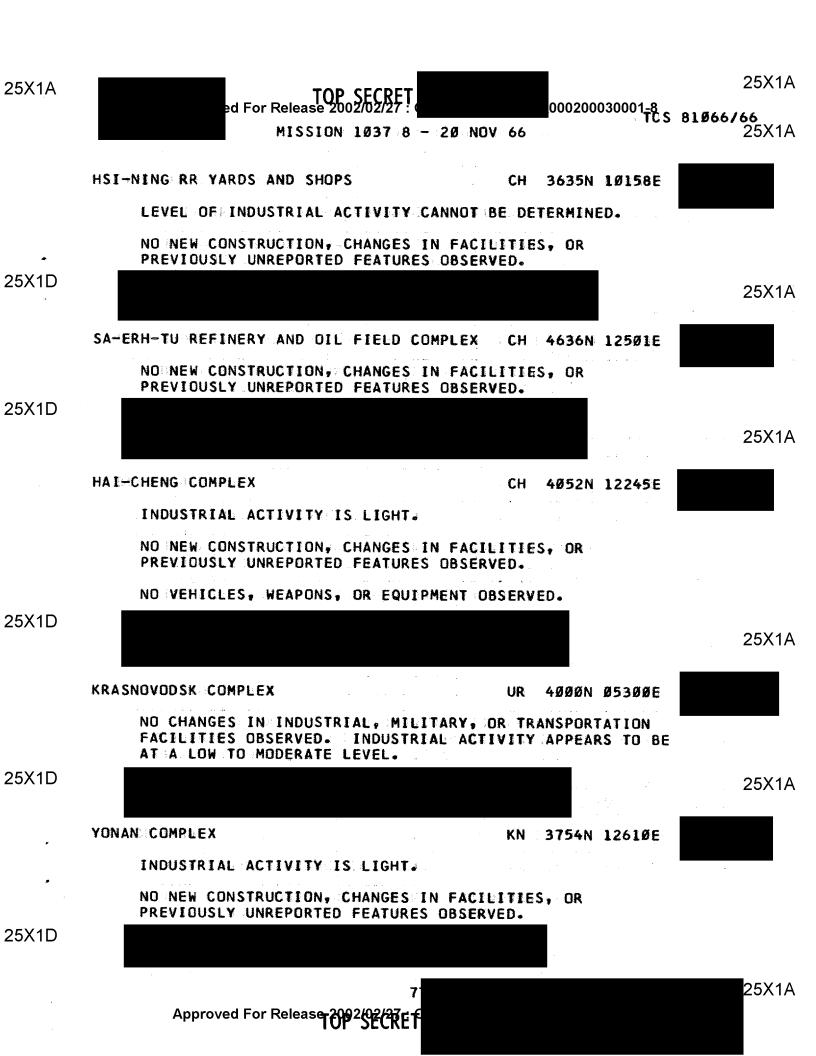
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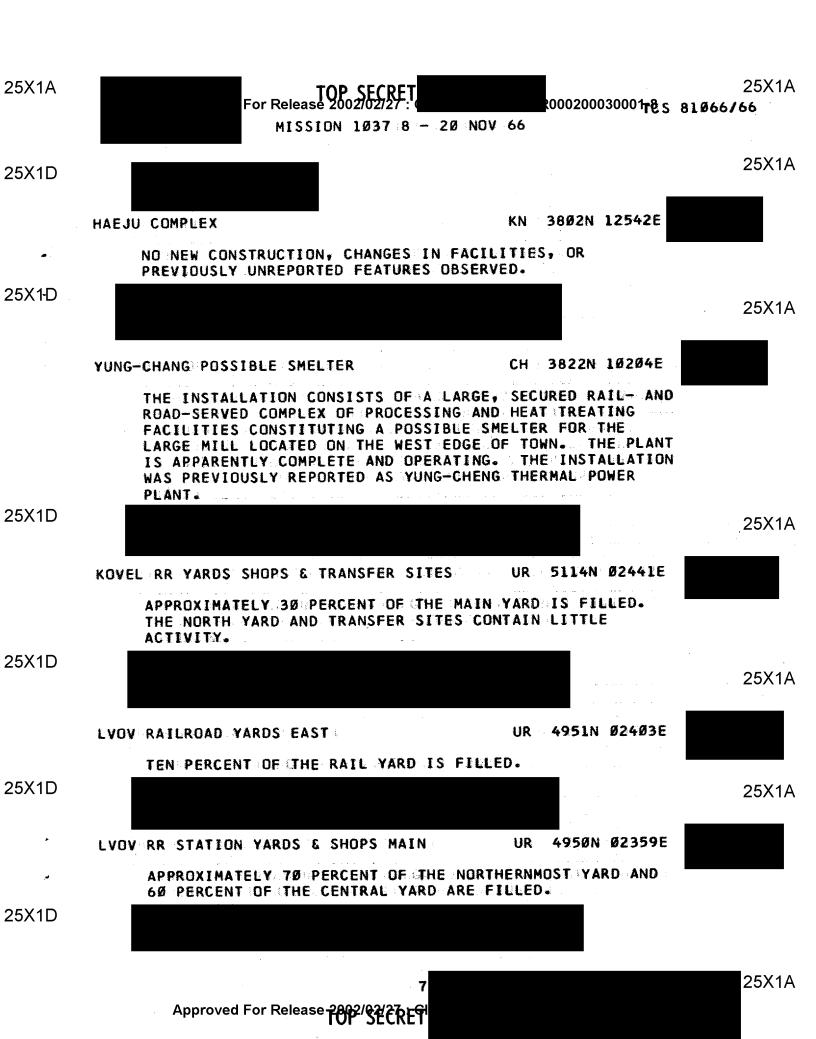
Complexes

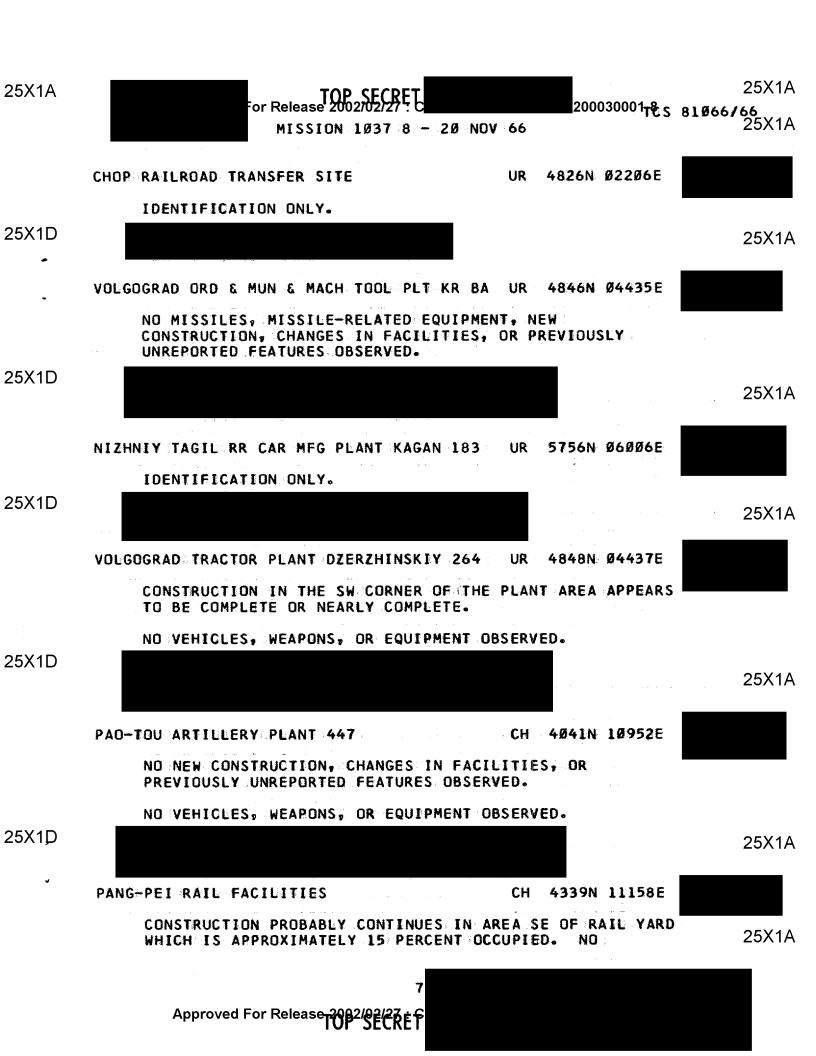














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IDENTIFIABLE VEHICLES, WEAPONS, OR MATERIAL OBSERVED.

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Other Activity

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