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DISSEMINATION CONTROL ABBREVIATIONS

NOFORN-	Not Releasable to Foreign Nationals
NOCONTRACT-	Not Releasable to Contractors or Contractor/Consultants
PROPIN-	Caution-Proprietary Information Involved
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28 FEBRUARY 1984

NPIC/IEG (2/84)

**SS-X-24 PROBABLE SILO DOOR OVERBURDEN TEST
PLESETSK ICBM LAUNCH TEST SITE 14, USSR (SWN)**

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1. **SIGNIFICANCE:** THE SS-X-24 SILO AT PLESETSK ICBM LAUNCH TEST SITE (LTS) 14 WAS PROBABLY SUBJECTED TO A SILO DOOR OVERBURDEN TEST. (SWN)

2. **REMARKS:** THE SILO DOOR AT PLESETSK ICBM LTS 14, AN SS-X-24 SITE, WAS PROBABLY SUBJECTED TO AN OVERBURDEN TEST [REDACTED]

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THE PURPOSE OF THIS TYPE OF TEST IS TO EVALUATE THE ABILITY OF THE SILO DOOR AND HINGE MECHANISM TO OPERATE WHEN COVERED WITH DEBRIS. THE TEST MAY ALSO HAVE BEEN USED TO DETERMINE THE EFFECT OF DEBRIS FALLING ON EQUIPMENT -- POSSIBLY INCLUDING A MISSILE CANISTER -- IN THE SILO. ON PRETEST IMAGERY [REDACTED]

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A RECTANGULAR MOUND WITH BEVELED SIDES COVERED THE SILO DOOR AND DOOR POCKET ASSEMBLY. ALSO, SEVEN SILO/MISSILE SYSTEM CHECKOUT (S/MSC) VEHICLES WERE ONSITE. THE TYPE OF MATERIAL USED TO CONSTRUCT THE MOUND APPEARED TO BE SOIL BUT MAY HAVE INCLUDED AGGREGATE. ON POSTTEST IMAGERY [REDACTED]

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A BERM AND PILES OF MATERIAL, PROBABLY CREATED BY OPENING THE SILO DOOR, WERE ON THREE SIDES OF THE SILO DOOR. IT APPEARED THAT THE AREA IN FRONT OF THE DOOR HAD BEEN CLEARED OF MATERIAL. IN ADDITION, SIX S/MSC VEHICLES, ONE UNIDENTIFIED VEHICLE, AND A FLATBED TRUCK WITH A POSSIBLE SS-X-24 UMBILICAL FRAMEWORK WERE ON THE SILO AND TURNAROUND APRONS. (SWN)

THE RECTANGULAR MOUND WITH BEVELED SIDES WAS PLACED ON THE SILO DOOR AND DOOR POCKET [REDACTED] HOWEVER, IT MAY HAVE BEEN IN A VERY EARLY STAGE OF CONSTRUCTION [REDACTED]

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POSSIBLE SILO/MISSILE SYSTEM CHECKOUT ACTIVITY WAS UNDERWAY AT LTS 14 [REDACTED] WHEN TEN S/MSC VEHICLES (INCLUDING A FLATBED TRUCK WITH POSSIBLE SS-X-24 UMBILICAL FRAMEWORK) WERE ON THE SILO AND TURNAROUND APRONS. THIS WAS THE FIRST CHECKOUT-RELATED ACTIVITY IDENTIFIED AT THE SITE SINCE THE COMPLETION OF ITS

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MODIFICATION IN LATE 1983. THE OBSERVATION ON PRETEST AND POSTTEST IMAGERY OF THE POSSIBLE SS-X-24 UMBILICAL FRAMEWORK SUGGESTS THAT AT LEAST A TRAINING/CHECKOUT MISSILE CANISTER WAS IN THE SILO. (SWN)

A SIMILAR MOUND WAS PLACED ON THE SILO DOOR AT PLESETSK ICBM LTS 28 [REDACTED], ALSO AN SS-X-24 SITE, [REDACTED] AND WAS REMOVED [REDACTED] HOWEVER, A TEST OF THAT SILO DOOR CANNOT BE CONFIRMED BECAUSE NO POSTTEST ACTIVITY WAS IDENTIFIED. (SWN)

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SILO DOOR OVERBURDEN TESTS HAVE PREVIOUSLY BEEN IDENTIFIED AT TYURATAM MISSILE/SPACE TEST CENTER SSM [REDACTED] SILO DOOR TESTS HAVE BEEN CONDUCTED AT TYURATAM ICBM LTS N2 [REDACTED] [REDACTED], AN SS-11 SITE, IN THE EARLY 1970S; TYURATAM ICBM LTS R13 [REDACTED] AN SS-18 SITE, IN THE LATE 1970S; AND TYURATAM ICBM LTS S3 [REDACTED] AN SS-19 SITE, IN THE EARLY 1980S. (SWN) [REDACTED]

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3. [REDACTED] COORDINATES 63-58-16N 041-33-39E (S)

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