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PHOOTOGRAPHIC
INTERPRETATION
REPORT

NATIONAL PHOTOGRAPHIC
INTERPRETATION CENTER

STATUS OF SOVIET SINGLE-SILO MODIFICATION PROGRAMS, USSR

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AUGUST 1975

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PIR-032/75

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MEMORANDUM FOR: Recipients of [] PIR-032/75
Status of Soviet Single-Silo Modification
Programs, USSR
Photographic Interpretation Report
Dated August 1975

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SUBJECT : Addition of Page 3 to Report

Please affix the attached page to report.

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REFERENCES

[Redacted]

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REQUIREMENT

Project 121002NB

[Redacted]

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STATUS OF SOVIET SINGLE-SILO MODIFICATION PROGRAMS, USSR

ABSTRACT

1. This report summarizes the status of the Soviet single-silo modification programs, which include modernization and conversion activity, [REDACTED] A table lists specific complexes and the number of groups involved in modernization or conversion at each complex.

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BASIC DESCRIPTION

Modernization

2. Single-silo modification started with a modernization of the SS-11 (Type IIID) silos for deployment of the SS-11 Mod 3 and possibly the Mod 2 (Table 1). This activity was first observed on photography of January 1973 at the three far eastern SS-11 complexes -- Olovyannaya ICBM Complex [REDACTED], Drovyanaya ICBM Complex [REDACTED] and Svobodnyy ICBM Complex ([REDACTED] Modernization was later seen at three additional SS-11 complexes -- Gladkaya ICBM Complex [REDACTED] Perm ICBM Complex [REDACTED] and Teykovo ICBM Complex [REDACTED]

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Conversion to Type IIIF Silos

3. Conversion was first observed in April 1973 and is currently under way at all six SS-9 ICBM complexes to convert the older Type IIIC silos to the newer Type IIIF for deployment of the SS-18 missile system. These six SS-9 complexes are: Aleysk ICBM [REDACTED] Dombarovskiy SSM Complex [REDACTED], Imeni Gastello ICBM Complex [REDACTED], Kartaly ICBM Complex [REDACTED], Uzhur ICBM Complex [REDACTED] and Zhangiz-Tobe ICBM Complex [REDACTED].

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Conversion to Type IIIG Silos

4. Conversion of the Type IIID silos to the Type IIIG is under way or expected at four SS-11 single-silo complexes for deployment of the SS-19 missile system. Conversion was first observed at Pervomaysk SSM Complex [REDACTED] in early December 1973 and at Derazhnya SSM Complex [REDACTED] in mid-December. Conversion activity was first observed at Kozelsk ICBM Complex [REDACTED] in February 1975. At Tatishchevo ICBM Complex [REDACTED] impending conversion activity was indicated by the presence of Type IIIG components in the rail-to-road transfer point [REDACTED]

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5. Conversion of the Type IIID silos to Type IIH is under way at the Yedrovo ICBM Complex () for deployment of the SS-17 missile system. Conversion activity was first observed in September 1974.

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Conversion to Undetermined-Type Silos

6. Conversion of the Type IIID silos at Kostroma ICBM Complex () has not yet begun; however, the construction of a launch control silo (Type IIIX) indicates that the launch silos will be converted, probably to IIIG (SS-19) or to IIH (SS-17) configuration.

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Table 1. Status of Soviet Single-Silo Modification Programs ()

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	No of Groups Originally Deployed	No of Groups Modified	No of Groups Being Modified	No of Groups To Be Modified
Modernization to SS-11, Mod 2/3(IIID)				
Drovyanaya	5	5	0	0
Gladkaya	6	4	2	0
Olovyannaya	9	9	0	0
Perm	8	5	2	1
Svobodnyy	6	6	0	0
Teykovo	8	4	2	2
Totals	42	33	6	3
Conversion to SS-18(IIIC to IIIF)				
Aleysk	5	0	1	4
Dombrovskiy	10	1	2	7
Imeni Gastello	8	0	1	7
Kartaly	7	0	2	5
Uzhur	10	0	2	8
Zhangiz-Tobe	8	0	1	7
Totals	48	1	9	38
Conversion to SS-19 (IIID to IIIG)				
Derazhnya	6	2	3	1
Kozelsk	11	0	1	10
Pervomaysk	6	3	2	1
Tatishchevo	12	0	0	12
Totals	35	5	6	24
Conversion to SS-17 (IIID to IIH)				
Yedrovo	11	1	1	9
Totals	11	1	1	9

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