

DECLASSIFIED IN PART  
Authority: E.O. 13526  
Chief, Records & Disclosure Div, WHS  
Date: FEB 29 2016

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DOE  
6.2(a)

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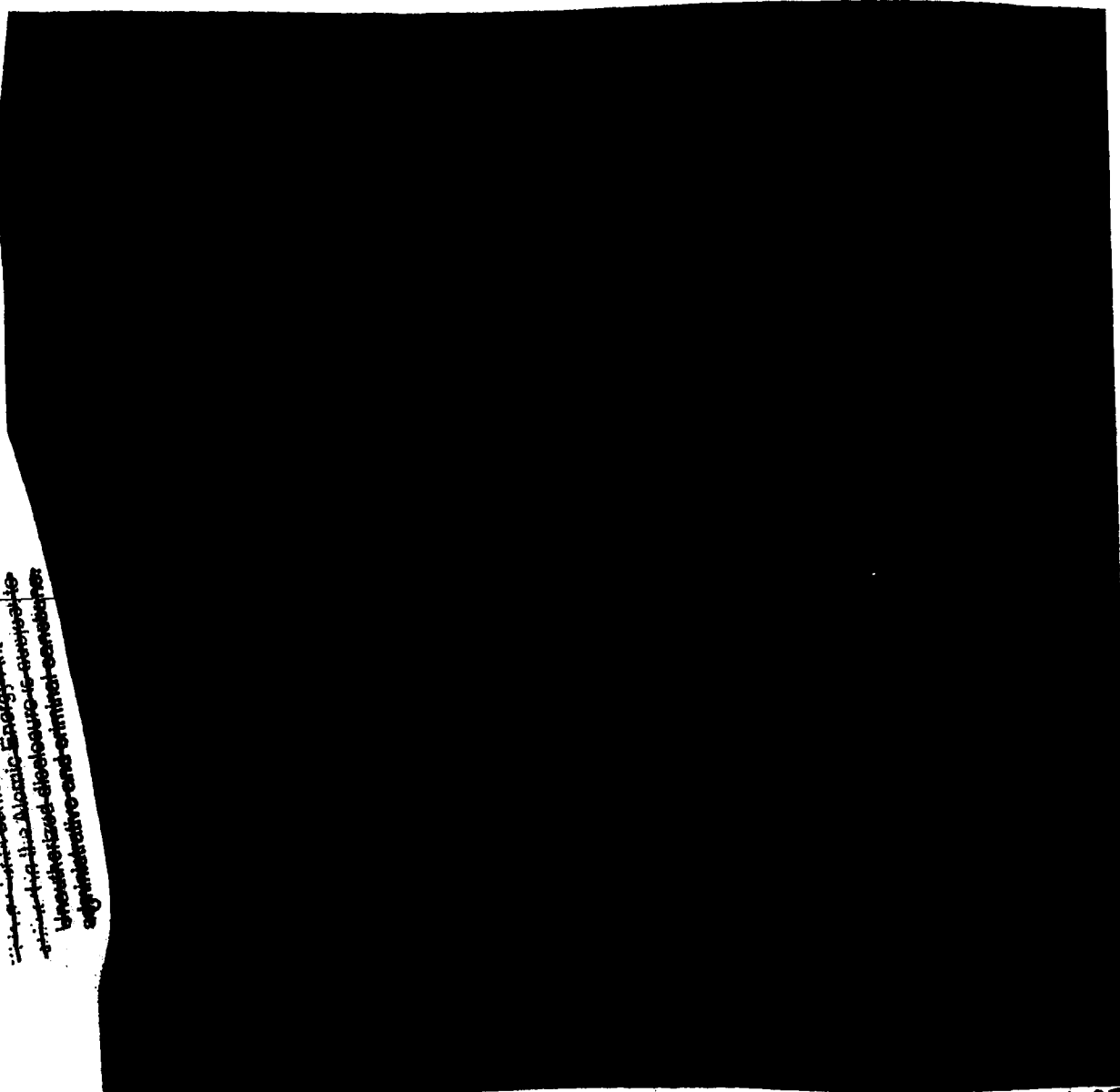
Rapid Neutralization of Nuclear Weapons

OSD 3.3(b)(6)

-- Nuclear weapons are dismantled in the same type of facilities in which they are assembled. Soviets presumably have the ability to assemble and disassemble thousands of nuclear weapons per year, perhaps a lot more.

OSD  
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Section 6.2(a)

-- Nuclear weapons are easily destroyed in an environmental devastating manner. Large numbers could be destroyed by high explosives in a short period at the price of catastrophic plutonium dispersal and possibly low order nuclear detonations if the weapons are not one point safe. This method, obviously, could only be used in the most extreme battlefield circumstances.



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- o Injection of neutron absorbent material or chemically active material into the pit, possibly through boost gas channel.
- Could render weapons unusable without factory rebuild or more if Pu chemically affected.



- Might be done on site.



OSD 3.3(b)(6)

DOE  
6.2(a)

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OSD  
Section 6.2 (a)

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This material contains Restricted Data as defined in the Atomic Energy Act of 1954. Unauthorized disclosure is subject to administrative and criminal sanctions.

Office of the Secretary of Defense S. U.S.C § 552a  
 Chief, R&D, WHIS  
 Date: 2/19/82 Authority: EO 13526  
 Declassify: \_\_\_\_\_ Deny in Full: \_\_\_\_\_  
 Exempt from: X  
 Reason: OSD 3.3(b)(6), 6.2(a)  
 MFR: 3560

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 Date: FEB 29 2016

Department of Energy Document Review

1. Reviewer: <u>W/S</u> 2. Date: <u>2/19/82</u> 3. Authority: <u>EO 13526</u> 4. Declassify: _____ 5. Deny in Full: _____ 6. Exempt from: <u>X</u> 7. Reason: <u>OSD 3.3(b)(6), 6.2(a)</u> 8. MFR: <u>3560</u>	Determination: [Circle Number(s)] 1. Classification Retained 2. Classified/Downgraded To: <u>RD</u> 3. Contains No DOE Classified Info 4. Coordinate With: _____ 5. Declassified 6. Classified Info Exempted 7. Other (Specify): <u>DOE, L.G. CAD</u>
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