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DEFENSE THREAT REDUCTION AGENCY
8725 JOHN J. KINGMAN ROAD, STOP 6201
FORT BELVOIR, VA 22060-6201

John Greenewald
[REDACTED]

JUL 03 2019

Re: FOIA Case No.: 17-054

Dear Mr. Greenewald:

This is our final response to your Freedom of Information Act (FOIA) request submitted to the National Security Agency (NSA), Central Security Service, and subsequently referred to the Defense Threat Reduction Agency (DTRA) for a direct response to you. We received the request on February 27, 2017 and assigned the request FOIA case 17-054. You requested the Intellipedia category index pages for Nuclear Weapons Glossary.

Enclosed is a copy of the records totaling six pages. These records are being released to you in part. The review from NSA determined that portions of these records are not releasable under FOIA Exemption 3. Exemption 3 applies to information specifically exempted by a statute. In this case, the information withheld is exempt from public release pursuant to 50 U.S.C. § 3605, which provides for withholding information regarding NSA functions. DTRA determined that additional information is not releasable under FOIA Exemption 6. Exemption 6 applies to information, which, if released, would constitute a clearly unwarranted invasion of the personal privacy of individual. No fees are due as the assessable cost total \$25.00 or less.

Determinations made by DTRA are on behalf of the Initial Denial Authority, Mr. Joseph J. Urgese, Deputy General Counsel. If you consider this decision to be an adverse determination, you may file a written appeal that is postmarked no later than 90 days after the date of this letter to the Deputy Director, Defense Threat Reduction Agency, Office of the General Counsel (FOIA/PA), 8725 John J. Kingman Road, MSC 6201, Fort Belvoir, Virginia 22060. The appeal should reference the FOIA case number, contain a concise statement of the grounds upon which the appeal is brought, and a description of the relief sought. A copy of this letter should also accompany your appeal. Both the envelope and your letter should clearly identify that a Freedom of Information Act Appeal is being made.

If you consider the decision by NSA to be an adverse determination, you may file a written appeal that is postmarked no later than 90 days after the date of this letter to the NSA/CSS FOIA Appeal Authority (P132), National Security Agency, 9800 Savage Road STE 6932 Ft. George G. Meade, MD 20755-6932. The appeal should reference the FOIA case number, contain a concise statement of the grounds upon which the appeal is brought, and a description of the relief sought. A copy of this letter should also accompany your appeal. Both the envelope and your letter should clearly identify that a Freedom of Information Act Appeal is being made.

Should you have additional questions or concerns regarding this response, please contact me by phone at (703)767-1792 or by email at drafoiaprivacy@mail.mil. You may also seek dispute resolution services from the Office of Government Information Services (OGIS). Contact information for OGIS is at www.archives.gov/ogis.

Sincerely,



Pamela Andrews

Senior Analyst, FOIA Public Liaison

Freedom of Information/Privacy Act Office

(U) Category:Nuclear Weapons Glossary

UNCLASSIFIED

From Intellipedia

(U) This category contains entries from DOD TM 4-1, Glossary of Nuclear Weapons Material and Related Terms. Where terms overlap with other common terms, or there is a specific application of the term in a nuclear weapons context, the term is identified with (Nuclear Weapons) in the title.

Pages in category "Nuclear Weapons Glossary"

The following 200 pages are in this category, out of 266 total.

(previous 200) (next 200)

A

- Ablative Material
- Active Material (Nuclear Weapons)
- Active Protection (Nuclear Weapons)
- Active Stockpile
- Actual Ground Zero
- Adaption Kit
- Adversarial Attack
- Afterwinds
- Air Zero
- Airblast-Induced Ground Direct Motion
- Airblast-Induced Ground Transmitted Motion
- All-Up-Round
- Alpha (Nuclear Weapons)
- Alpha Barrier
- Alpha-N Initiator
- Alteration (ALT)
- Armed (Nuclear Weapon)
- Arming and Fuzing Device
- Arming Signals (Nuclear Weapon)
- Arming System (Nuclear Weapon)
- Arming, Fuzing and Firing
- Attenuation Coefficient
- Augmentation Warheads

C cont.

- Countermeasures (Nuclear Weapons)
- Coupling (Nuclear Weapons)
- Crater (Nuclear Weapons)
- Critical Components (Nuclear Weapons)
- Critical Mass
- Criticality
- Criticality Limit
- Crown (Nuclear Weapons)
- Custodial Detachment
- Custody (Nuclear Weapons)

D

- Debris Entrapment (Nuclear Weapons)
- Degree of Risk
- Delivery Error
- Delivery Vehicle (Nuclear Weapons)
- Demilitarization
- Deployed Nuclear Weapons
- Desired Effects (Nuclear Weapons)
- Desired Ground Zero

F cont.

- Fuzing System (Nuclear Weapons)

G

- Gas Transfer Valve
- Ground Zero
- Gun-Type Weapon

H

- Half Thickness
- Half-Life
- Hardening (Nuclear Weapons)
- High Airburst (Nuclear Weapons)
- High Altitude Burst (HIAB) (Nuclear Weapons)
- Hohlraum (Nuclear Weapons)
- Horizontal Error (Nuclear Weapons)
- Hypergolic Fuel

I

- Implosion System (Nuclear

Encl B

- Automatic Disablement
- B**
- Background Count
 - Baroswitch
 - Base Surge
 - Basic Assembly
 - Becquerel
 - Bent Spear
 - Bhangmeter
 - Blast Pressure
 - Blast Wave
 - Blast Yield
 - Boost Reservoir
 - Boosting
 - Bridge (Nuclear Weapons)
 - Bridgewire
 - Broken Arrow
 - Burst (Nuclear Weapons)
 - Bypass Assessment (Study) Data
- C**
- Camouflet
 - Canned Subassembly
 - CAP/MET Keys
 - Capsule (Nuclear Weapons)
 - Certification (Nuclear Weapons Technical Inspection (NWTI))
 - Chain Reaction
 - Circular Error Probable
 - Circumvention (Nuclear Weapons)
 - Class II Nuclear Components
 - Clean Weapon (Nuclear Weapons)
 - Cloud Column
 - Code Activated Processor (Nuclear Weapons)
 - Code Inhibit (Nuclear Weapons)
 - Coded Switch Set
 - Command Disable
 - Command Disable System
 - Committed Effective Dose
- D**
- Development Test Unit
 - Device (Nuclear Weapons)
 - Differential Pressure Switch
 - Direct Shock Wave
 - Disablement
 - Disassembly (Nuclear Weapons)
 - Disassociation (Nuclear Weapons)
 - Dismantlement (Nuclear Weapons)
 - Dispersion Error
 - Drop Sequence
 - Dull Sword
 - Dummy Component (Nuclear Weapons)
 - Dummy Pit (Nuclear Weapons)
 - Dwarf Dud
- E**
- Electroexplosive Device
 - Electromagnetic Pulse
 - Electromagnetic Radiation
 - Electrostatic Sensitive Devices
 - Emergency Denial Actions
 - Emergency Destruction Procedures (Nuclear Weapons)
 - Emergency Risk (Nuclear Weapons)
 - Enabled Weapon (Nuclear Weapons)
 - Enabling Stimuli
 - Enhanced Radiation Weapon (Nuclear Weapons)
 - Environment (Nuclear Weapons)
 - Environmental Criteria (Nuclear Weapons)
 - Environmental Sensing Device (Nuclear Weapons)
 - Equivalent Fission Yield
 - Explosive Switch (Nuclear Weapons)
- F**
- Fission (Nuclear Weapons)
- G**
- Gaseous Diffusion
- H**
- Half-life (Nuclear Weapons)
- I**
- Implosion Weapon (Nuclear Weapons)
 - Inactive Stockpile (Nuclear Weapons)
 - Induced Radiation
 - Induced Radioactivity
 - Inherently Safe (Nuclear Weapons)
 - Inhibit (Nuclear Weapons)
 - Initial Operational Capability
 - Initial Radiation
 - Insensitive High Explosive
 - Integrating Accelerometer
 - Interstage Coupling
 - Interval Time (Nuclear Weapons)
 - Intrinsic Radiation
- J**
- Joint Nuclear Weapons Publication System
 - Joint Test Assembly
 - Joint Test Unit
- K**
- Kiloton
 - Kiloton Weapon
- L**
- Laydown (Nuclear Weapons)
 - Lens (Conventional, Air, or Ring)
 - Lethal Nuclear Environment
 - Levitated Pit
 - Limited Stockpile Item
 - Limited Try (Nuclear Weapons)
 - Limited Try Count (Nuclear Weapons)
 - Limited-Life Component Kit
 - Limited-Life Components
 - Live Pit (Nuclear Weapons)
 - Lock Wire (Nuclear Weapons)

Equivalent

- Completely Assembled for Strike or Launch **F**
- Compositing (Nuclear Weapons)
- Condensation Cloud (Nuclear Weapons)
- Configuration (Nuclear Weapons)
- Contact Burst Preclusion
- Contact Crystal (Nuclear Weapons)
- Contamination (Nuclear Weapons)
- Core Unit (Nuclear Weapons)
- Counter-Countermeasure (Nuclear Weapons)

- Fallout
- Fallout Safe Height of Burst
- Ferromagnetic Explosive Transducer
- Fireball (Nuclear Weapons)
- Firing Set (Nuclear Weapons)
- Firing System (Nuclear Weapons)
- Fissile
- Fissile Material
- Fission
- Fission Fragments
- Fission to Yield Ratio
- Fission Yield
- Fissionable Material
- Flare Dud (Nuclear Weapons)
- Flight Test Unit (Nuclear Weapons)
- Free Air (Nuclear Weapons)
- Free Air Overpressure (Nuclear Weapons)
- Free-Field Environment
- Full-Fuzing Option
- Fusion Fuel

- Locking (Nuclear Weapons)
- Loft Bombing (Nuclear Weapons)
- Low Airburst (Nuclear Weapons)
- Low-Altitude Bombing System
- Low-Angle Drogue Delivery

M

- Mach Stem
- Major Assembly (Nuclear Weapons)
- Major Component (Nuclear Weapons)
- Maneuverable Reentry Vehicle
- Mean Free Path
- Mechanical Combination Locks (Nuclear Weapons)
- Mechanical Safing and Arming Detonator
- Megaton
- Militarily Significant Fallout
- Minimum Normal Burst Altitude
- Minimum Residual Radioactivity Weapon
- Mission Completion (Nuclear Weapons)
- Mission Kill (Nuclear Weapons)
- Mock HE (Nuclear Weapons)
- Moderate Risk (Nuclear)
- Mortality Range (Nuclear Weapons)
- Multiple Code Coded Security Switch (Nuclear Weapons)
- Multiple Code Coded Switch (Nuclear Weapons)
- Multiple Code Coded Switch Encryption Translator (Nuclear Weapons)

(previous 200) (next 200)

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(U) Category:Nuclear Weapons Glossary

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Pages in category "Nuclear Weapons Glossary"

The following 66 pages are in this category, out of 266 total.

(previous 200) (next 200)

M

- Multiple Reentry Vehicle
- Multipoint Detonation System

N

- Negligible Risk (Nuclear)
- Neutron Generator
- Nomenclature (Nuclear Weapons)
- Nominal Weapon
- Nonviolent Disablement
- Normal Nuclear Weapon
- Nuclear Airburst
- Nuclear Arming
- Nuclear Assembly System
- Nuclear bomb
- Nuclear Capable Unit
- Nuclear Cloud
- Nuclear Column
- Nuclear Component
- Nuclear Damage (Land Warfare)
- Nuclear Directed Energy Weapon
- Nuclear Dud
- Nuclear Efficiency
- Nuclear Environment
- Nuclear Exoatmospheric

N cont.

- Nuclear Explosive
- Nuclear Explosive-Like Assembly
- Nuclear Surface Burst
- Nuclear System
- Nuclear Underground Burst
- Nuclear Underwater Burst
- Nuclear Warhead
- Nuclear Weapon Accident
- Nuclear Weapon Deficiency
- Nuclear Weapon Incident
- Nuclear Yields

P

- Permissive Action Link
- Pit (Nuclear Weapons)
- Plume (Nuclear Weapons)
- Pressure Switch (Nuclear Weapons)
- Primary (Nuclear Weapons)
- Prompt Radiation

R

- Reentry Body
- Reentry Vehicle

S

- Safety Wire (Nuclear Weapons)
- Seal Wire (Nuclear Weapons)
- Sealed Pit
- Secondary (Nuclear Weapons)
- Shear Wire (Nuclear Weapons)
- Source and Special (SS) Nuclear Material
- Stockpile-to-Target Sequence
- Subkiloton Weapon
- Sure Kill
- Sure Safe

T

- Tamper (Nuclear Weapons)
- Thermonuclear
- Tuballoy

U

- Uranium (Nuclear Weapons)
- Use Control System

W

- War Reserve

Burst

- Reservoir (Nuclear Weapons)
- Residual Radiation
- Residual Radioactivity
- Warhead (Nuclear Weapons)
- Warhead Section
- Weapon (Nuclear Weapons)
- Weapon System
- Weapon Type (Nuclear Weapons)

Y

- Yield

(previous 200) (next 200)

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