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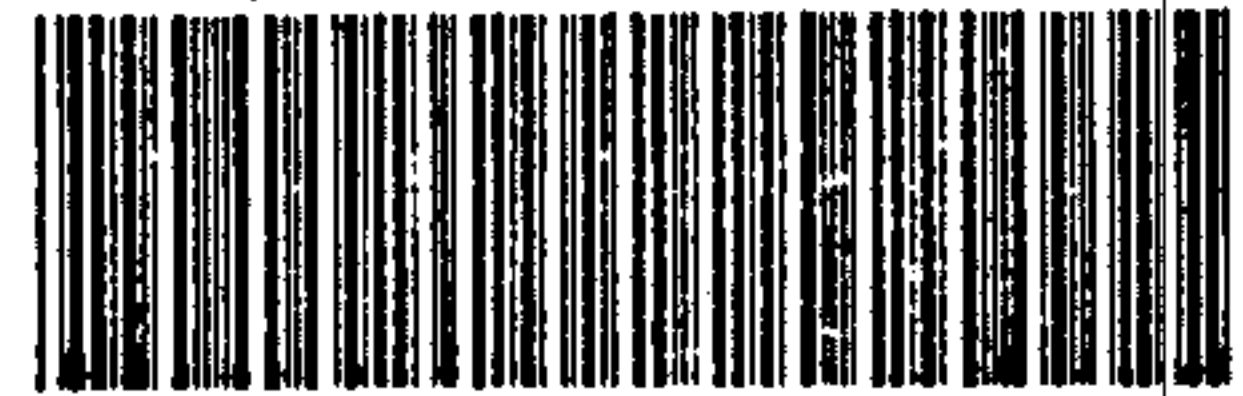
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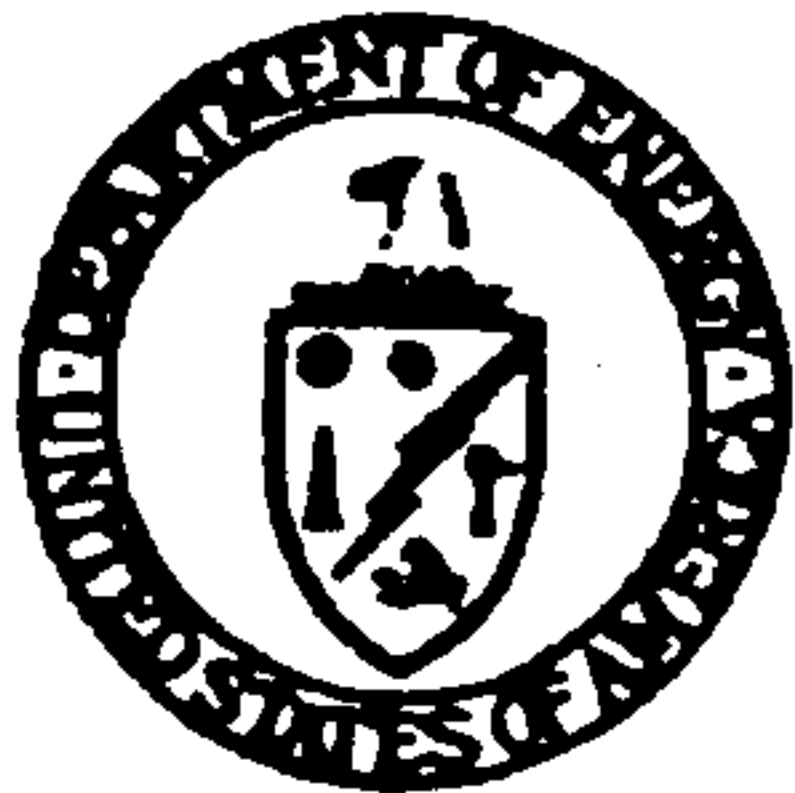


Joint Report by the U.S. Department of Defense  
and the U.S. Department of Energy

**Nuclear Weapons Surety**

Annual Report to the President (u)

1985



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JOINT DEPARTMENT OF DEFENSE/DEPARTMENT OF ENERGY  
ANNUAL REPORT TO THE PRESIDENT ON NUCLEAR WEAPONS SURETY, 1985

EXECUTIVE SUMMARY

(U) At the request of the President, the Department of Defense (DoD) and the Department of Energy (DoE) report annually on the status of the safety and security of nuclear weapon systems. This report summarizes progress made during 1985 in the areas of nuclear weapons security, nuclear weapons safety, nuclear weapons use control, personnel reliability and assurance programs, emergency response, and inspection programs.

(U) The DoD and the DoE recognize that the existence of nuclear weapon systems, required for national security, require all appropriate measures for the protection of public health and safety. Both Departments believe that the current safety and security programs keep the existing risks at an acceptable level, but that the potential consequences of accidents and incidents involving nuclear weapons could be so severe that we must, at all times, minimize risks by taking full advantage of new techniques and technologies.

~~(SFRD)~~



(U) The management of nuclear matters in Europe continues to be a high priority effort. As part of this program, nuclear protection issues are addressed by both the NATO Senior Level Weapons Protection Group and the Supreme Headquarters Allied Powers Europe/US European Command Joint Theater Surety Management Group.

(U) Both DoD and DoE have a number of programs underway to ensure improved safety, security, and positive control of nuclear weapons and special nuclear materials. These include security facility construction; installation of electronic intrusion detection systems; several safety and use control improvements; specific anti-threat security training programs; better inspection procedures; better coordinated accident response capability; and US efforts to work with our Allies to proceed with modernization of their theater nuclear systems. The DoD's long-range security program and the access delay

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system are progressing. Moreover, the DoD has initiated a vigorous research program for future weapon storage concepts which emphasizes survivability as well as security.

(U) The DoE's Safety, Security, and Control Committee, established in 1984, continues to provide high-level oversight of safety, security, and use control matters. In addition, the DoE believes that as suggested by the President's Blue Ribbon Task Group, a National Security Decision Directive is needed to clearly define the dual-agency-judgement role for nuclear weapons surety.

(U) The DoE has continued to make significant progress during FY 1985 to improve the safeguards posture of its facilities. This progress was reaffirmed in September 1985 when a Special Project Team reported to the Secretary of Energy that "any adversary who attempts to gain control over or steal a nuclear weapon, a critical weapon component, or special nuclear material would face high probability of failure." However, we will not be satisfied with our overall protection status until major safeguards and security construction projects are completed and until programs underway enhance protection against the insider threat. Effective executive oversight of the DoE's program to enhance the protection for special nuclear materials, nuclear weapons, and critical facilities continues to be provided by the DoE Safeguards and Security Steering Group which was established in 1983. The quarterly meetings of the Steering Group serve a major role in the Department's ongoing efforts to enhance the level of protection at its nuclear facilities.



(U) Significant progress was made in all aspects of nuclear surety during the last year. Although no nuclear warheads were involved in accidents in 1985, we can never allow ourselves to become complacent. We must support improvement efforts already underway, continue to evaluate threat and technology changes, and make additional improvements to nuclear surety where required.

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I.(U) Introduction At the request of the President, the DoD and the DoE report annually on the status of the safety and security of nuclear weapon systems. The first joint report covered calendar year 1980 and provided comprehensive information for the new Administration. Subsequent reports for 1981, 1982, and 1983 updated the 1980 report. The 1984 report summarized the progress made during the years 1981-1983, as well as providing more detailed 1984 information. This report describes the progress made during 1985. The views of the DoD are primarily contained in Section II, those of the DoE are in Section III, and joint emergency response activities are provided in Section IV.

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