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DCI/ICS 83-4413
6 June 1983

MEMORANDUM FOR: Director, Planning and Policy Staff

FROM: [redacted] 25X1
Information Handling Committee, ICS

SUBJECT: Meeting with John Stein regarding the Joint IC/DoD Electronic Information Security Project

On 11 May 1983, [redacted] met with Mr. John Stein, 25X1
CIA/DDO, to discuss the joint IC/DoD Electronic Information Security (ELINFOSEC) project. [redacted] briefed Mr. Stein on the objectives of the 25X1
project and on the proposed conduct of the effort. She noted that the effort is bigger than just computer security, stating that it must encompass both the computers that process data and communications that link computers with users. [redacted] also noted that the project will be concerned with three 25X1
major categories of personnel and processes: (a) the producers of intelligence such as CIA/DDO who are concerned about the security of their products when processed in electronic information systems, (b) the customers of the intelligence such as the nuclear CINCs who are concerned about the timely receipt and analysis of the intelligence product, and (c) the personnel and equipment involved in storing the data in computers or transmitting it via communications links. Mr. Stein agreed that these three groups should be included in the effort. [redacted] 25X1

2. [redacted] briefed Mr. Stein on the five areas that will be addressed 25X1
in parallel tasks during the conduct of the effort. These five areas were summarized as follows:

- o Policy - Will deal with the possible revision, upgrading, or re-endorsement of relevant existing policies in the Intelligence and National Security communities (e.g., DCID 1/16, DCID 1/7, and DIAM 50-4). Policies protecting methods and sources. Handshake agreements between "source" and "user" policy officials (e.g., MOUs).

- o Process - Will deal with the development or revision of processes and procedures needed for obtaining ELINFOSEC Certifications/Accreditation for varying levels of "secure operations." This will include analyses and recommendations related to items such as the qualified products list, systems operation at specified security levels, designation of accreditation/certification/standards-adherence responsibilities. [redacted] noted that field/theater 25X1
commander's ELINFOSEC processes will probably differ from Headquarters, Management, and S&T organizational ELINFOSEC processes.

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- o Vulnerabilities, Threats, and Risks Associated With Existing Systems - Will identify the most serious or most easily exploitable vulnerabilities from existing experience and knowledge. Anecdotal or case examples within the IC and National Security communities will form a descriptive taxonomy for explaining the ELINFOSEC vulnerability-threat. Remedies for the most serious threats will be cited and options for solution and recommendations will be provided to assist in program-budget decisions.

- o Technology Application, Innovation, and Inventing Efforts Needed for ELINFOSEC - Will identify and endorse the application of existing technology that can be used to resolve ELINFOSEC problems as fast as possible. It will also identify technology gaps or shortfalls so that needed R&D can be undertaken by appropriate agencies/organizations.

- o An Agenda for Action - Will be based on the preceding four efforts. Will identify action priorities hierarchically with the first probably being to fix selected existing systems deemed to be most needed and most vulnerable. Will include development and imposition of a set of designated "critical ELINFOSEC" standards. Includes preparing most needed policy document drafts.

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3. Mr. Stein agreed that these were the areas that needed to be addressed and offered his personal support of the project. There was a general discussion on each of these areas, and noted that he felt CIA/DDO played a role in the certification/accreditation process for proposed security features such as the CIA RECON effort. noted that the project will address the role that producers of intelligence play in certifying/accrediting electronic information systems. Mr. Stein agreed that producers should be involved in the accreditation process and again provided his support of the effort.

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4. referenced the recent message sent to various elements of the Community by the DDO which constitutes a general policy regarding the storage and processing of CIA/DDO products in electronic information systems. asked Mr. Stein if there were specific concerns that prompted the development of the message. Mr. Stein noted his general concern and the concern of his Directorate with the expansion of electronic information systems that process highly sensitive information that could reveal sensitive methods and sources. He expressed a concern that there appears to be a general reduction in positive control as we increase the use of electronic systems. He noted that his Directorate deals with the gathering of intelligence using human sources and is, therefore, highly cognizant of the potential for compromise

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Mr. Stein noted that the Community has to develop security processes to ensure that avoidable compromises do not occur, and that unavoidable ones are contained with absolutely clear audit trails to the incident.

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5. Mr. Stein addressed several problems dealing with the processing of materials that could reveal sensitive methods and sources. He acknowledged

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6. Mr. Stein stated that he felt the Community needed to develop an electronic information processing policy based on compartmentation and need-to-know controls.

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7. Mr. Stein also stated that he had asked Director of SIGINT Operations, DDS&T/CIA, to assist DDO in its efforts to plan for and develop a secure CRAFT automated support system. Mr. Stein suggested that be contacted to solicit information and request assistance for efforts.

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8. Mr. Stein recommended that be briefed on the DDO's automated systems and other computer-related areas. He noted that the following personnel should be contacted in the Directorate:

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9. Mr. Stein ended the meeting by again offering his support of the effort. He offered two questions that he felt the Community needs to address: (a) Why should everybody see what the DCI sees? (b) Is this the direction we want to go for an electronic information security policy? noted that these were key questions that would be addressed by the project.

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