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Office of the Secretary of Defense
Chief, RDD, ESD, WHS

Date: 12 JAN 2014 Authority: EO 13526

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Reason: S U.S.C. 552(b)(6)

MDR: 13 -M- 4658

5 U.S.C. 552

Covering Brief

TO: Director of Defense Research and Engineering

14 APR 1976

FROM: Deputy Director (Strategic and Space Systems) 14

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Purpose: To request the Air Force to perform studies and analyses to quantitatively assess the performance of current and expanded versions of the space surveillance network.

Background: A weakness of the Air Force Space Detection and Tracking (SPADATS) program is the lack of analyses to quantify the contribution of each sensor and combinations of sensors to perform the space surveillance mission. This concern was expressed by Mr. Mort Goulder in his February 19, 1976 letter (Tab B) which suggested that the Air Force be tasked to prepare a broad plan for the evolution of the space surveillance system.

The attached memorandum for your signature (Tab A) addresses the basic issues by requesting the Air Force to examine the mission requirements, determine the performance of current and expanded system networks, and assess the technology requirements and costs of preferred systems. The successful accomplishment of these studies will be of considerable value in planning the future direction of our space surveillance programs.

Recommendation: That you sign the attached memorandum at Tab A.

Attachments W/O ATCH B

Coordination: ASD (I)

(Intelligence and Warning Systems)

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DD (S&SS)

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