

[REDACTED]

[REDACTED]

SECTION 5 OF 18

[REDACTED]

[REDACTED]

BODY

SUBJECT: SCIENCE AND WEAPONS REVIEW CABLE,  
SW SWRC 89-5002K, 10 JANUARY 1989

ORBIT. THIS SATELLITE WILL SERVE AS A PROTOTYPE FOR FUTURE ISRAELI SATELLITES. THE ISRAELI PRESS HAS ALREADY BEGUN TO DISCUSS THE NEED FOR LAUNCH-DETECTION SATELLITES FOR DEFENSE AGAINST ARAB MISSILES. HOWEVER, THE ISRAELIS PROBABLY WILL NOT BE ABLE TO PLACE SUCH A SYSTEM INTO ORBIT FOR A NUMBER OF YEARS, AND THEY PROBABLY WILL REQUIRE ASSISTANCE FROM THE UNITED STATES. [REDACTED]

COMMENT:

THE ISRAELIS PROBABLY ARE MUCH MORE SERIOUS ABOUT DEVELOPING AN ATBM SYSTEM NOW THAN WHEN THEY BEGAN THEIR PROGRAM. THEY UNDOUBTEDLY REALIZE THAT ARAB MISSILES ARMED WITH CHEMICAL WARHEADS HAVE COME TO POSE A MAJOR THREAT. WITH CONTINUED US TECHNICAL ASSISTANCE [REDACTED]

[REDACTED] THE ISRAELIS SHOULD BE ABLE TO MEET THEIR 1995 DEPLOYMENT GOAL FOR THE ARROW. [REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

*denied*  
[REDACTED]

[REDACTED]

MAKING THEIR RELIANCE ON US ASSISTANCE CRITICAL. THEY WILL ALSO FACE SIGNIFICANT TECHNICAL CHALLENGES IN INTEGRATING THE ARROW WITH ITS ASSOCIATED RADAR AND EARLY WARNING SENSORS. IN ADDITION, BECAUSE OF THE [REDACTED] COST OF FIRST-PHASE DEVELOPMENT, THE ISRAELIS PROBABLY WILL REQUIRE CONTINUED FINANCIAL ASSISTANCE FROM THE UNITED STATES. [REDACTED]

*denied*  
*B1, b3, b4*  
[REDACTED]

[REDACTED]

IF THEY ARE SUCCESSFUL IN DEVELOPING THE ARROW ATBM SYSTEM, THE ISRAELIS PROBABLY WILL ATTEMPT TO MARKET IT BOTH IN EUROPE AND IN THE THIRD WORLD, ACCORDING TO RELIABLE REPORTING. IT IS ALSO POSSIBLE THAT THE ISRAELIS MIGHT DEVELOP A VERSION OF THE ARROW AS A TACTICAL BALLISTIC MISSILE. WE THINK THIS IS UNLIKELY, HOWEVER. BECAUSE OF ITS HIGH ACCELERATION, SUCH A MISSILE PROBABLY WOULD BE INACCURATE.

[REDACTED]

[REDACTED]

NNNN

NR

[REDACTED]