

UNCLASSIFIED

~~SECRET~~

~~CONFIDENTIAL~~

~~CONFIDENTIAL~~

EXERCISE MIGHTY DERRINGER EXERCISE

CA 86-07

PAGE 2

02 DEC 86

SUMMARY ASSESSMENT

FROM: CCC/F. JESSEN

TO: DOE-HQ/(DP-40 ATTN T. BLANKENSHIP)

INFO COPY: NVO/G. ALLEN & W. ADAMS; LANL/M. LUCAS & D. STILLMAN

AGGREGATE ASSESSMENT:

WE BELIEVE THIS INCIDENT SHOULD BE TREATED AS A "REAL" THREAT TO BOTH THE UNITED STATES AND TO MONTREV. THE AVAILABLE INFORMATION SUGGESTS THAT TWO (2) IMPROVISED NUCLEAR DEVICES (IND'S) PROBABLY HAVE BEEN ASSEMBLED; FURTHERMORE, THESE DEVICES MIGHT BE CAPABLE OF PRODUCING A NUCLEAR YIELD. WE ARE MODERATELY CONFIDENT IN OUR OVERALL ASSESSMENT.

TEAM SUMMARIES: THE FOLLOWING CONCLUSIONS SUMMARIZE THE INDEPE EVALUATIONS OF THE CREDIBILITY ASSESSMENT TEAMS. COPIES OF THE ASSOCIATED DETAILED REPORTS HAVE BEEN TRANSMITTED TO DOE/EACT SEPARATELY.

TECHNICAL CREDIBILITY:

LLNL: THE THREAT IS REAL WITH LOW TO MODERATE CONFIDENCE. (FROM THE MEAGER INFORMATION WHICH WE HAVE PERTAINING TO THE DESIGN OF THE DEVICES, WE BELIEVE THEM TO BE IMPLOSION DEVICES WITH PLUTONIUM AS THE SNM)

UNCLASSIFIED

~~SECRET~~ ~~CONFIDENTIAL~~

~~RESTRICTED DATA~~

~~CONFIDENTIAL~~

1018

~~CONFIDENTIAL~~

UNCLASSIFIED

~~CONFIDENTIAL~~
~~CONFIDENTIAL~~

EXERCISE MIGHTY DERRINGER EXERCISE

CA 86-07

PAGE 3

LANL: THERE IS INSUFFICIENT TECHNICAL INFORMATION TO DRAW A CONCLUSION; HOWEVER, WE BELIEVE IT TO BE A HOAX WITH MODERATE CONFIDENCE. WE HAVE ASSUMED THAT THIS SITUATION MAY RESULT IN AN I/ND THREAT.

BEHAVIORAL CREDIBILITY:

PLC: THE THREAT IS CREDIBLE WITH MODERATE CONFIDENCE.

SMA: NO ACTIVATED

OPERATIONAL CREDIBILITY:

LLNL: THE THREAT IS CREDIBLE WITH A MODERATE DEGREE OF CONFIDENCE.

LANL: NEUTRON GENERATORS AND CORES HAVE BEEN STOLEN. WE HAVE ONLY ONE PERSON'S STORY THAT THESE COMPONENTS WILL BE ASSEMBLED.

(b) (1)

EXERCISE MIGHTY DERRINGER EXERCISE

UNCLASSIFIED

~~CONFIDENTIAL~~
~~CONFIDENTIAL~~
~~CONFIDENTIAL~~

~~CONFIDENTIAL~~