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THE JOINT CHIEFS OF STAFF
WASHINGTON, D.C. 20301

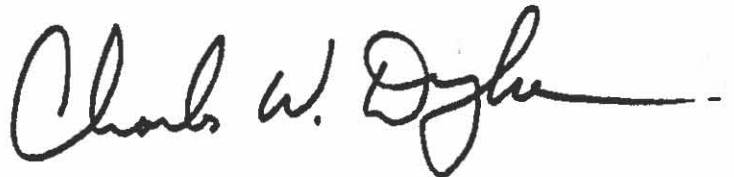
JCSM-198-81
18 May 1981

MEMORANDUM FOR THE SECRETARY OF DEFENSE

Subject: Exercise IVY LEAGUE 82 (U)

1. (C) The Joint Chiefs of Staff will sponsor Exercise IVY LEAGUE 82, to be conducted 1-5 March 1982. The exercise is a selected procedural command post exercise, a type sponsored biennially by the Joint Chiefs of Staff. Exercise IVY LEAGUE 82 is designed to exercise participants and appropriate plans, evaluate WWMCCS, and test procedures during the nuclear preattack and transattack periods. The Government of Canada will also participate in conjunction with its nationwide Command Post Exercise BOLD STEP 82.
2. (U) The concept and objectives are provided in the Annex to Appendix A. Preliminary coordination has been initiated with your staff.
3. (U) The Department of State and the Federal Emergency Management Agency (FEMA) should be involved in planning for this exercise. The Joint Chiefs of Staff recommend that memorandums, substantially like those in Appendices A and B, be forwarded to the Secretary of State and the Director, FEMA.
4. (U) Without attachments, this memorandum is CONFIDENTIAL.

For the Joint Chiefs of Staff:



CHARLES W. DYKE
Major General, USA
Vice Director, Joint Staff

Attachments

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APPENDIX A

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MEMORANDUM FOR THE SECRETARY OF STATE

Subject: Exercise IVY LEAGUE 82 (U)

1. (C) The Joint Chiefs of Staff will sponsor Exercise IVY LEAGUE 82, to be conducted 1-5 March 1982. The exercise is a selected procedural command post exercise designed to exercise appropriate plans following simulated worldwide Soviet and Warsaw Pact aggression. The exercise concentrates on the nuclear preattack and transattack environment and simulated execution of SIOP and non-SIOP options. The Government of Canada will also participate in conjunction with its nationwide Command Post Exercise BOLD STEP 82.

2. (S) Exercise objectives focus on the complex issues associated with command, control, communications, logistics, and continuity of Government procedures during the nuclear preattack and transattack periods. It is important that close coordination between the Joint Staff, the Office of the Secretary of Defense, the Military Services, the Department of State, and other Federal agencies be established and maintained throughout exercise planning and execution.

3. (C) Issues involved in this exercise require a level of participation beyond that normally furnished by the Department of State. Therefore, I solicit your support in providing appropriate personnel to participate in Exercise IVY LEAGUE 82.

4. (U) For planning purposes, the Annex outlines exercise concepts and objectives.

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ANNEX TO APPENDIX A

CONCEPT AND OBJECTIVES FOR EXERCISE "IVY LEAGUE 82" (U)

1. (S) Exercise Design. Exercise IVY LEAGUE 82 will be designed to incorporate conventional and nuclear warfare and to exercise Federal and military interface before and during nuclear warfare. It will provide an opportunity to exercise systems and procedures in a degraded command and control environment. It will, as a minimum:

a. (S) Portray an international worldwide crisis with conventional and nuclear threat and aggression.

b. (S) Simulate use of nuclear options in crisis areas in accordance with NCA decisions.

c. (S) Simulate use of strategic nuclear weapons against the United States followed by opportunity for exercise of escalation control and crisis management procedures in execution of appropriate Single Integrated Operational Plan (SIOP) options.

d. (S) Afford opportunities to evaluate systems for tactical warning, attack assessment, nuclear detonation reporting, SIOP following, residual threat assessment, and residual capabilities assessment.

e. (S) Establish linkage, where possible, with other ongoing exercises. That may include linkage with the North American Aerospace Defense Command's Command Post Exercise (CPX) VIGILANT OVERVIEW; the Canadian Forces' CPX BOLD STEP 82; the Federal Emergency Management Agency's CPXs NINE LIVES 4 and REX 82 ALPHA; and the JCS CPX POLO HAT.

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- f. (S) Provide opportunities to evaluate logistic plans, 1
policies, and procedures to support military and civil 2
requirements in the nuclear preattack and transattack periods. 3
- g. (C) Evaluate the Worldwide Military Command and Control 4
System (WWMCCS), WWMCCS ADP and the WWMCCS Intercomputer 5
Network (WIN), and overall telecommunications economy, 6
policy, and practices. 7
2. (U) Mission, Activities, and Objectives 8
- a. (C) The mission of Exercise IVY LEAGUE 82 is to 9
simulate implementation of appropriate nuclear plans 10
and procedures; to evaluate the WWMCCS, WWMCCS ADP, and 11
WIN in a degraded command and control environment; and to 12
exercise crisis decision procedures under conditions of 13
nuclear attack and during the initial phase of postattack 14
reconstitution and Government redirection. 15
- b. (U) The broad objectives are to: 16
- (1) (S) Evaluate SIOP execution and following. 17
- (2) (S) Evaluate unified and specified command procedures 18
for developing, requesting, and executing non-SIOP 19
options. 20
- (3) (S) Evaluate and exercise systems for tactical 21
warning, attack assessment, nuclear detonation reporting, 22
and residual capabilities assessment. 23
- (4) (S) Exercise and evaluate the Minimum Essential 24
Emergency Communications Network. 25
- (5) (C) Exercise and evaluate the Worldwide Airborne 26
Command Post procedures and capabilities for 27
SIOP following and for reconstitution of military 28
command and control. 29
- (6) (C) Exercise residual threat assessment and 30
national reconnaissance capabilities in the nuclear 31
transattack period and in the initial phase of the 32
postattack period. 33

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- (7) (S) Evaluate the WWMCCS and WWMCCS ADP in support of the NCA, the National Military Command System (NMCS), and commanders of unified and specified commands in a less-than-optimum command and control environment. 1
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- (8) (C) Evaluate the WIN in support of the NCA, the NMCS, the commanders of unified and specified commands, and the Services during the nuclear preattack period. 6
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- (9) (C) Evaluate the crisis staffing procedures of the Joint Chiefs of Staff, including a limited relocation to the Alternate National Military Command Center. 9
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- (10) (S) Evaluate and exercise the procedures and capabilities of the National Emergency Airborne Command Post and the Alternate National Military Command Center to direct military forces worldwide and to maintain necessary coordination with the Federal Emergency Management Agency Special Facility. 12
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- (11) (S) Exercise Canadian-United States basic security and supporting plans for the defense of North America. 18
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- (12) (S) Exercise civil and military procedures for making crisis decisions during the nuclear preattack and transattack periods, and in the initial phase of the postattack period. 21
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- (13) (C) Evaluate civil and military logistic plans, policies, and procedures in use before nuclear attack. 25
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- (14) (C) Exercise the relationship between peacetime military assistance to civilian authorities and wartime military support of civil defense during the nuclear preattack and transattack periods, and in the initial phase of the postattack period. 27
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- (15) (C) Exercise the Joint Emergency Evacuation Plan and appropriate parts of the JCS Continuity of Operations Plan. 1
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- (16) (C) Evaluate telecommunications economy and policy, and communications security practices, including analysis of transmissions for operations security vulnerabilities. 4
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- (17) (C) Evaluate the impact of communication degradation, including satellite outages and the ability of telecommunication systems to function when critical links are jammed and false messages are injected into the system. 7
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3. (S) Duration and Command/Agency Participation. Exercise IVY LEAGUE 82 is a 5-day CPX scheduled to commence on 1 March 1982. Participating commands, Services, and agencies will play the exercise to the extent necessary to accomplish stated objectives. During exercise play, Washington-area participants will function primarily at alternate command centers. Other commands will utilize alternate sites where appropriate. Federal departments and agencies having roles in crisis management will be invited to participate in the exercise, as will the Government of Canada. 11
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4. (U) Phasing 21
- a. (S) Execution Phase. This phase will commence as a situation in which worldwide simulated Soviet aggression has occurred. Selective release procedures will be exercised, and limited nuclear attacks will take place. A nuclear strike will be made on targets in North America. The United States will reciprocate with simulated execution of appropriate SIOP options. Primary emphasis will be placed on command and control, SIOP execution, and the initial phases of reconstitution and redirection of military forces and civil government. 22
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- b. (S) Postexercise Phase. The postexercise phase will include a critique and an analysis of lessons learned, which will provide a framework for assignment of remedial action projects. 32
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APPENDIX B

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MEMORANDUM FOR THE DIRECTOR, FEDERAL EMERGENCY
MANAGEMENT AGENCY

Subject: Exercise IVY LEAGUE 82 (U)

1. (C) The Joint Chiefs of Staff will sponsor Exercise IVY LEAGUE 82 concurrently with the Federal Emergency Management Agency Exercise REX 82 ALPHA, 1-5 March 1982. IVY LEAGUE is a selected procedural command post exercise designed primarily to exercise appropriate nuclear plans and procedures following simulated worldwide Soviet aggression. In order to assure that the continuity of Government objectives of REX 82 ALPHA are met, IVY LEAGUE will concentrate on the nuclear preattack and transattack environment and the initial phase of the postattack environment.

2. (S) IVY LEAGUE and REX 82 ALPHA will focus on complex issues associated with command, control, and communications, and the initial reconstitution and redirection of military forces and civil government. The opportunity to exercise continuity of Government plans and military support of civil defense under this realistic scenario should assist your evaluation of those plans. Our planners will continue to coordinate closely throughout planning and execution.

3. (U) For your planning purposes, I have attached the Annex,* which outlines exercise concepts and objectives.

* Annex to Appendix A

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