



DEPARTMENT OF THE ARMY
UNITED STATES ARMY NUCLEAR AND CHEMICAL AGENCY
7500 BACKLICK ROAD, BUILDING 2073
SPRINGFIELD, VIRGINIA 22150-3198

AFR1.940913.021

REPLY TO
ATTENTION OF

FEB 24 1993

MONA-ZB

MEMORANDUM FOR Director, AFFRI, ATTN: MRA (LTC Browne),
8901 Wisconsin Avenue, Bethesda, MD 20889-5603

SUBJECT: Army Nuclear Weapons Effects (NWE) Requirements
Conference

1. ODCSOPS will begin its biennial NWE RDT&E planning cycle with an Army NWE Requirements Conference on 23-24 Mar 93 at the U.S. Army Nuclear and Chemical Agency (USANCA). We have set for ourselves the ambitious goal of a March 1994 distribution of the FY95/96 edition of the Army Qualitative Research Requirements for Nuclear Weapons Effects Information (QRR).
2. The two day conference will focus on the FY95/96 QRR specific military requirements (SMRs) and the evolving NWE technologies that will affect them. Technology working sessions on blast, thermal, nuclear radiation, the electromagnetic pulse and personnel effects will be held concurrently to develop the section(s) of the coordination draft; related topics, such as high power microwaves, will be considered. The conference will be held at the SECRET-RESTRICTED DATA level. Enclosure 1 describes the 2-day conference schedule and provides related administrative information. I encourage each of you to have appropriate representation attend the conference working sessions so your requirements/needs can be presented firsthand.
3. Prior to the conference, your organization is encouraged to submit to USANCA your proposed FY95/96 SMRs. The SMR format is given in enclosure 2. To assure the timely inclusion of these SMRs in the discussions, and to better identify the conference attendees, it is requested that this information be forwarded to USANCA NLT 16 Mar 93.
4. The QRR is expected to differ both in format and content from earlier editions due, in part, to recommendations from the user community and the changing political environment. Active participation by your organization in the FY95/96 QRR publication cycle should make this edition an even more useful document.

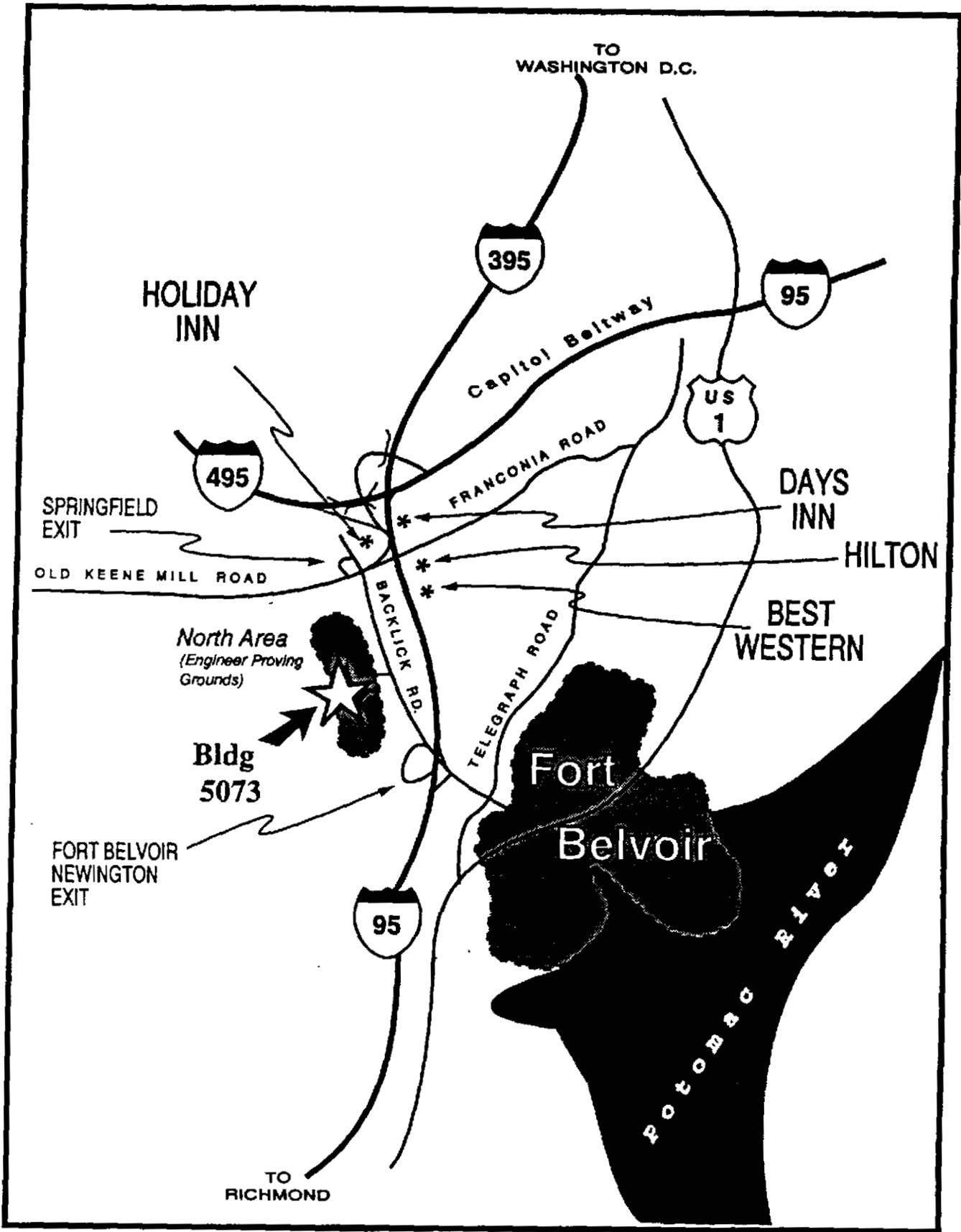
MONA-ZB
SUBJECT: Army Nuclear Weapons Effects (NWE) Requirements
Conference

5. I look forward to seeing your representative at USANCA in
March.

- 2 Encls
1. Administrative
Information
2. SMR Format



CHARLES N. DAVIDSON
Technical Director/Deputy
to the Commander



PROPOSED CONFERENCE SCHEDULE

23 MAR 93

<u>TIME</u>	<u>TOPIC</u>	<u>SPEAKER</u>
0830	Welcome	Dr. Davidson
0840-0900	Opening Comments	Mr. Pfeffer
0900-0915	Break	
0915-1015	Schedule Overview	Mr. Pfeffer
1015-1130	Concurrent Work Sessions	USANCA AOs (Chairmen)
1130-1330	Lunch	
1330-1630	Concurrent Work Sessions	USANCA AOs (Chairmen)

24 MAR 93

<u>TIME</u>	<u>TOPIC</u>	<u>SPEAKER</u>
0900-1130	Concurrent Work Sessions	USANCA AOs (Chairmen)
1130-1330	Lunch	
1330-1530	Combined Meeting Work Session Reports	USANCA AOs (Chairmen)
1530-1630	Summary/Actions	Mr. Pfeffer

U.S. ARMY NUCLEAR AND CHEMICAL AGENCY

Army Nuclear Weapons Effects (NWE) Requirement Conference

23-24 March 1993

ADMINISTRATIVE INFORMATION

Locale

- USANCA is located on the Engineer Proving Ground (North Area, Fort Belvoir, VA), approximately 10 miles south of Washington DC.
- If arriving at Washington National Airport, take George Washington Parkway north toward Washington, DC, then I-395 south to I-95 south to either the Springfield exit or the Fort Belvoir/Newington exit. If you take the Springfield exit (644W), get off at Old Keene Mill Road and go under the bridge. Take the first right after Bob's Big Boy and turn right at light (Backlick Road, 617S). If you take the Newington exit, turn left onto Backlick Road.
- If arriving at Dulles International Airport, take the Dulles Airport Access Road east to I-495 south. Then take I-495 south to I-95 south to either the Springfield exit (644W) or the Fort Belvoir/Newington exit.
- A map of the area surrounding USANCA is attached.

Weather

The weather for the month of March in the Washington, DC area has a daytime high of 54^oF and a nighttime low of 31^oF. Average rainfall for the month of March is 3.4 inches.

Transportation

If arriving at either Washington National Airport or Dulles International Airport, it is suggested that you take a taxi from the airport to where you will be staying if you are not authorized a rental car.

Communications

USANCA mailing address: U.S. Army Nuclear and Chemical Agency
7500 Backlick Road, Building 5073
ATTN: MONA-NU
Springfield, VA 22150-3198

USANCA message address: DCDRUSANCA FT BELVOIR VA//MONA-NU//

Phone numbers: Commercial - (703) 355-2238
Autovon - 345-2238
Telecopier - (703)355-2500

Security Clearance Procedures

- A hard copy clearance (or fax) is required NLT 16 Mar 93.
- The following information must be included in your visit request:
 - a. Name
 - b. Grade/Rank
 - c. SSN
 - d. Type of Clearance
 - e. Date of Clearance
 - f. Agency/Organization/Company
 - g. Date of Visit
 - h. Point of Contact
 - i. Purpose of Visit

Mailing Address

USANCA
7500 Backlick Road, Building 5073
ATTN: Clearance Control Officer
Springfield, VA 22150-3198

Message Address

DCCRUSANCA FT BELVOIR VA//MONA-AD//

- The meeting will be S-RD.

LOCAL MOTELS/GOVERNMENT RATES
as of
15 January 1993

ECONO LODGE
I-95 - Springfield Exit
Springfield, VA 22150
1-800-456-Hotel (Anita Correra)

\$35.00 + 6-1/2% tax (S/D)

COMFORT INN
5716 S. Van Dorn
Alexandria, VA 22310
(703) 922-9200

\$55.00 + 6-1/2% tax (S)
\$66.00 + 6-1/2% tax (D)

Continental breakfast is included in the price listing for
Econo Lodge and Comfort Inn

BEST WESTERN
6550 Loisdale Court
Springfield, VA 22150
(702)922-9000

\$63.00 + 6-1/2% tax (S/D)

HUNTER MOTEL & RESTAURANT
Newington, VA 22122
(703) 339-5400

\$40.00 + 6-1/2% tax (S)
\$42.00 + 6-1/2% tax (D)

HILTON HOTEL
6550 Loisdale Road
Springfield, VA 22150
(703) 971-8900

\$78.00 + 6-1/2% tax (S/D)

QUALITY INN
6461 Edsall Road
Alexandria, VA 22312
(703) 354-4400

\$49.00 + 6-1/2% tax (S)
\$54.00 + 6-1/2% tax (D)
Includes breakfast buffet

HOLIDAY INN EXPRESS
6401 Brandon Avenue
Springfield, VA 22150
(703) 644-5555

\$60.00 + 6-1/2% tax (S/D)
Includes Continental breakfast

DAYS INN
6721 Commerce Street
Springfield, VA 22150
(703) 922-6100

\$52.00 + 6-1/2% tax (S)
\$58.00 + 6-1/2% tax (D)
Includes full breakfast

Note: Some of these room rates are for the conference only. To
assure these rates, call ASAP and mention you are attending the
Army NWE Requirements Conference.

REQUEST FOR INPUT TO THE ARMY QUALITATIVE RESEARCH REQUIREMENTS
FOR NUCLEAR WEAPONS EFFECTS INFORMATION (QRR), FY 95/96 EDITION

1. Reference:

a. AR 10-16, Organization and Functions, United States Army Nuclear and Chemical Agency, 15 Mar 84.

b. Army Qualitative Research Requirements for Nuclear Weapons Effects Information (QRR), FY 93/94 Edition, Deputy Chief of Staff for Operations and Plans, HQDA, 30 Apr 92.

2. Per reference 1a, the U.S.. Army Nuclear and Chemical Agency (USANCA) prepares, for DA DCSOPS, the Army's military requirements for nuclear weapons effects information in coordination with the Training and Doctrine Command, Army Materiel Command, the Chief of Engineers, and the Surgeon General. The FY 93/94 edition of these requirements (reference 1b) was distributed by USANCA, Jun 92 and should be available to you.

3. Request that your organization review the FY 93/94 QRR and advise USANCA of:

a. Those military requirements for nuclear weapons effect (NWE) information in the FY 93/94 QRR that are of major interest to your organization and which you desire be retained in the FY 95/96 QRR. Updating of both the content and justification of requirements should be provided as applicable.

b. Military requirements that you consider should not be included in the FY 95/96 QRR because they have either been satisfied or no longer exist.

c. New military requirements that have originated within your organization. These requirements should be prepared in accordance with the attached guidelines.

4. Replies to this request should be submitted to Commander, USANCA, ATTN: MONA-NU, 7500 Backlick Road, Building 5073, Springfield, VA 22150-3198, not later than 16 Mar 93. USANCA is available to assist your organization with the preparation of inputs to the FY 95/96 QRR. The USANCA POC for this assistance is Mr. Pfeffer, Autovon 345-2238 or Commercial (703) 355-2238. If copies of the FY 93/94 QRR are required to comply with this request they can be obtained from USANCA.

GUIDELINES FOR THE PREPARATION OF MILITARY REQUIREMENTS

1. In submitting new military requirements for the FY 95/96 QRR, the following information should be provided (see also Section I, Introduction, FY 93/94 QRR):

a. Problem definition and military relevance: A description of the problem that gives rise to the need for NWE information and the justification of this need both should be set forth. In particular, the following topics should be addressed:

(1) Problem definition with emphasis being to its relationship to military systems, operations, doctrine, and tactics.

(2) A statement of the information that is needed.

(3) How the information will be used.

(4) Penalties that will be incurred if the information does not become available.

b. Additional constraints: Additional information contributing to problem definition, such as applicable yields of nuclear bursts, altitude regimes of interest, and required accuracies should also be provided. Statements of accuracies should be justified.

2. Since operational need for NWE information is the primary criterion for a requirement, the feasibility of satisfying a requirement or the availability of funds are not germane for including a requirement in the QRR.

3. Military requirement should be prepared for nuclear weapons effects environments and their effects on personnel, equipment, structures, and terrain.

4. The QRR states effects requirement only; requirements for the following items should not be submitted:

a. Nuclear weapons.

b. Materiel needs.

c. Instrumentation, simulation facilities, and research facilities.

d. Intelligence information except for that generated by the U.S. military R&D community.