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							SEP	77

BOOK NO: _____ MESSAGE HANDLING INSTRUCTIONS: _____

FROM: FCDNA KIRTLAND AFB NM/FCL 405190

TO: AFRI WASHINGTON DC/RPC/LTC STILL
 DNA WASH DC/LGEC/MR STEVENS
 DR ROBERT E. YODER, DIRECTOR, HEALTH, SAFETY AND ENVIRONMENT, ROCKWELL INTERNATIONAL ATOMICS INTERNATIONAL DIVISION, ROCKY FLATS PLANT, PO BOX 464 GOLDEN CO 80401
 MR. ARDEN E. BICKER, MANAGER, ENVIRONMENTAL SCIENCES DEPARTMENT (MAIL STOP 709) AND MR. ALFRED W. WESTERN, DIRECTOR, FIELD OPERATIONS (MAIL STOP 235) REYNOLDS ELECTRICAL & ENGINEERING, INC., PO BOX 14400, LAS VEGAS, NV 89114
 DR. TOM CRITES, LAWRENCE LIVERMORE LABORATORY, PO BOX 808, LIVERMORE CA 94550
 MISS MADELINE BARNES, DESERT RESEARCH INSTITUTE, LAS VEGAS, NV
 USERDA WASH DC/AES/TOM MCCRAW
 MR. AL DOLES, VICE PRESIDENT, EBERLINE INSTRUMENT CORP, PO BOX 2108, SANTA FE, NM 87501

REPOSITORY: DOE/PASO
 COLLECTION: DOE/NV
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	GRAYSON D. TATE, JR., BG, USA, FC, 4-4515		
SIGNATURE		UNCLASSIFIED	
<i>Grayson D. Tate, Jr.</i>			

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BOOK NO: NO

MESSAGE HANDLING INSTRUCTIONS

FROM:

TO: MR. BRUCE CHURCH, CHIEF, RADIOLOGICAL BRANCH,
 BIOENVIRONMENTAL SCIENCES DIV, USERDA, PO BOX 14100,
 LAS VEGAS, NV 89114

MR. DONALD W. HENDRICKS, DIRECTOR, OFFICE OF RADIATION
 PROGRAMS, AND MR. DAVID E. BERNHARDT, PROGRAM MANAGER
 FOR DOSE ASSESSMENT, US ENVIRONMENTAL PROTECTION
 AGENCY, LAS VEGAS FACILITY, PO BOX 15027, LAS VEGAS,
 NV 89114

MR. JEROME DUMMER, HI GROUP LEADER (MS -401) AND MR.
 RICHARD F. SMALE, ASSISTANT HI GROUP LEADER, PO BOX
 1663, LOS ALAMOS SCIENTIFIC LABORATORY, LOS ALAMOS,
 NM 87545

INFO: DIRDNA WASH DC
 FCDNA LIAISON OFC LAS VEGAS NV/FCTCL
 USERDA LAS VEGAS NV/ROGER RAY
 FCDNA HICKAM AFB HI/FCLP
 CJTG ENEWETAK ATOLL MI/FCR

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MESSAGE HANDLING INSTRUCTIONS

FROM:

TO:

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SUBJ: CONFERENCE ON RUNIT CLEANUP

1. THIS MESSAGE ANNOUNCES A CONFERENCE TO BE CONVENED AT THE ENERGY RESEARCH AND DEVELOPMENT (ERDA) NEVADA OPERATIONS OFFICE, LAS VEGAS, NEVADA, 4-5 OCT 1977. CONFERENCE WILL BEGIN AT 0830, 4 OCT. ADDRESSEES ARE REQUESTED TO ATTEND.

2. PURPOSE OF THE CONFERENCE IS TO EXAMINE MEANS OF MEETING REQUIREMENTS FOR A MORE DEFINITE, QUANTITATIVE CHARACTERIZATION OF THE SCOPE OF WORK INVOLVED IN THE RADIOLOGICAL CLEANUP OF RUNIT ISLAND.

3. BACKGROUND:

A. DIRECTOR DNA HAS BEEN DESIGNATED AS THE DOD PROJECT MANAGER FOR THE CLEANUP OF THE ENEWETAK ATOLL. THE ERDA IS RESPONSIBLE FOR RADIOLOGICAL SUPPORT. THIS INCLUDES DEFINING AND RECOMMENDING TO DNA THE AREAS WHICH QUALIFY FOR RADIOLOGICAL CLEANUP; DEFINING AND RECOMMENDING THE VOLUME OF SOIL TO BE REMOVED (ALL WITHIN THE GUIDELINES SPECIFIED IN THE ENVIRONMENTAL IMPACT

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FROM:

TO:

STATEMENT (EIS) AND FCDNA OPLAN 600-76); AND CERTIFYING THAT CLEANUP HAS BEEN COMPLETED IN ACCORD WITH THOSE GUIDELINES.

B. IN APPROVING THIS OPERATION, THE CONGRESS LIMITED RESOURCES TO AN APPROPRIATION OF \$20 MILLION PLUS ERDA AND DOD ASSISTANCE. ERDA IS PROVIDING RADIOLOGICAL SUPPORT. THE MILITARY SERVICE COMPONENTS ARE PROVIDING MEN AND EQUIPMENT FOR OPERATIONS; DNA IS PROVIDING FUNDING FOR CAMP OPERATIONS AND PERSONNEL FOR PROJECT DIRECTION. THIS OPERATION IS ONE OF SEVERELY CONSTRAINED RESOURCES WHICH MUST JUDICIAALLY BE EXPENDED TO MAXIMIZE THE BENEFITS TO BE OBTAINED. FOR EXAMPLE, THE METHOD OF DISPOSAL OF CONTAMINATED MATERIAL REQUIRES PROCUREMENT OF CEMENT. IF THE VOLUME OF CONTAMINATED SOIL EXCEEDS THE ESTIMATED QUANTITIES, MONEY MUST BE REALLOCATED FROM SOME OTHER TASK TO PROCURE MORE CEMENT.

C. THE ENEWETAK CLEANUP GUIDANCE DOCUMENTS REQUIRE CERTAIN MANDATORY TASKS: DISPOSAL OF HAZARDOUS, NONRADIOACTIVE DEBRIS; DISPOSAL OF RADIOACTIVE DEBRIS; EXCISING BURIAL SITES ON AOMON

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FROM:

TO:

ISLAND (AND OTHER BURIAL SITES DISCOVERED DURING THE OPERATION);
 AND EXCISING OF SOIL CONTAMINATED WITH PU 239/240 TO LEVELS
 GREATER THAN 400 PCI/G FROM LUJOR, BOKEN AND RUNIT ISLANDS (AND
 OTHER AREAS DISCOVERED DURING THE OPERATION). AREAS CONTAMINATED
 TO LEVELS LESS THAN 40 PCI/G DO NOT REQUIRE CLEANUP. CLEANUP OF
 239/240 PU CONTAMINATED SOIL IN THE RANGE OF 40 TO 400 PCI/G, ON
 THESE AND OTHER ISLANDS, IS TO BE BASED ON A CASE-BY-CASE ANALYSIS
 GUIDED BY COST BENEFIT CONSIDERATIONS.

D. THE RADIOLOGICAL SITUATION ON RUNIT ISLAND, AS PORTRAYED BY
 AVAILABLE DATA, IS A HETEROGENEOUS ADMIXTURE OF LAYERS AND
 POCKETS OF HIGH LEVELS OF CONTAMINATION ABOVE, BELOW, AND BETWEEN
 AREAS OF RELATIVELY LOWER CONTAMINATION. THERE MAY BE MILLIGRAM
 SIZED PARTICLES OF PU CONTAMINATION SCATTERED IN SOME AREAS.
 THIS HIGHLY HETEROGENEOUS SITUATION HAS LED TO AN UNCERTAINTY
 IN THE VALIDITY OF THE ESTIMATED VOLUME OF SOIL TO BE EXCISED
 FROM RUNIT. BY SOME ESTIMATES, RUNIT ACCOUNTS FOR 80 PERCENT
 OF ALL CONTAMINATED SOIL TO BE EXCISED ON THE ATOLL. THE

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TO:

UNCERTAINTY IN THE VALIDITY OF ESTIMATED SOIL VOLUME LEADS TO UNCERTAINTY IN THE SCOPE OF WORK INVOLVED IN THE CLEANUP OF RUNIT. THIS COMBINED WITH CONSTRAINED RESOURCES, INDUCES UNCERTAINTY IN PLANNING FOR RESOURCES WHICH MAY BE AVAILABLE FOR CLEANUP OF OTHER ISLANDS OF GREATER BENEFIT TO THE ENEWETAK PEOPLE.

4. THIS CONFERENCE WILL BE ASKED TO REVIEW THE PRESENTLY AVAILABLE RUNIT RADIOLOGICAL DATA, ADVISE AS TO WHETHER ADDITIONAL DATA WILL ASSIST IN REFINING THE SCOPE OF WORK, AND RECOMMEND METHODS AND RESOURCES INVOLVED IN OBTAINING SUCH ADDITIONAL DATA. PERTINENT INFORMATION IS BEING FORWARDED TO CONFEREES FOR REVIEW PRIOR TO THE CONFERENCE.

5. SINCE BOTH RADIOLOGICAL AND OVERALL CLEANUP RESOURCES WILL BE EFFECTED BY THE DISCUSSION, FCDNA, AS A REPRESENTATIVE OF THE OVERALL PROJECT MANAGER, WILL CHAIR THIS CONFERENCE. COL CHARLES J. TREAT HAS BEEN DESIGNATED AS CHAIRMAN. CONFEREES NEEDING ASSISTANCE AT ERDA, LAS VEGAS, SHOULD CONTACT MR. ROGER

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BOOK	MESSAGE HANDLING INSTRUCTIONS
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FROM:

TO:

RAY ((702) 734-3553), OR THE FCDNA ERDA LIAISON OFFICER, MAJ
 CARL TAYLOR AT (702) 734-3226. TECHNICAL QUESTIONS REGARDING
 THE SUBJECT OF THE CONFERENCE SHOULD BE DIRECTED TO DR. EDWARD
 BRAMLITT, FCDNA, ALBUQUERQUE, NM, (505) 264-6487, OR MR. ROGER
 RAY.

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