



DEPARTMENT OF THE AIR FORCE
HEADQUARTERS UNITED STATES AIR FORCE
WASHINGTON DC

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AUG 28 2003
REGION IV

21 August 2003

MEMORANDUM FOR USNRC, REGION IV (ATTN: MR. TONY GAINES)
611 RYAN PLAZA DR STE 400
ARLINGTON TX 76011-4005

FROM: AFMOA/SGZR
110 Luke Ave Room 405
Bolling AFB DC 20032-7050

SUBJECT: Supplement to the Decommissioning Plan For Test Area C-74L, Eglin AFB FL, Dated 24 May 2002.

In response to your memo, "Request For Additional Information Regarding Eglin Air Force Base Decommissioning Plan," dated 24 April 2003, Eglin AFB has elected to accept the NRC's recommended acceptance criteria of 469 pCi/g for a 25 millirem per year total effective dose equivalent (TEDE) for an onsite resident adult. Our office submitted your memo to Eglin personnel who, in turn, conducted an independent evaluation of the derived concentration guideline using a residential scenario in RESRAD (atch 1). Additionally, the Air Force retracts the 15 millirem per year TEDE commitment and has adopted a 25 millirem per year TEDE for section 6A of the decommissioning plan.

If you have any questions regarding this memo, please contact Captain David L. Pugh at (202) 767-4307 or email, david.pugh@pentagon.af.mil.


KALI K. MATHER, Lt Col, USAF, BSC
Chief, Radiation Protection Division and
USAF Radioisotope Committee Secretariat
Air Force Medical Operations Agency
Office of the Surgeon General

Attachment:
Memo, Response to the United States Nuclear Regulatory Commission (NRC) Memo, Dated 24 April 2003

cc:
46 TW/TSRSL
96 AMDS/SGPBR

030 - 28641

42 - 23539 - 01AF

Control # 469166



DEPARTMENT OF THE AIR FORCE
HEADQUARTERS 46TH TEST WING (AFMC)
EGLIN AIR FORCE BASE, FLORIDA

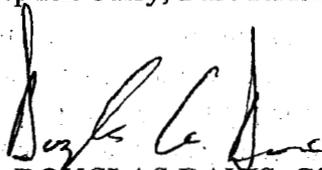
4 June 2003

MEMORANDUM FOR HQ AFMOA/ SGZR
(ATTN: Lt Col Kali Mather)

FROM: 46 TW/TSRSL
308 W D Avenue, Ste 203
Eglin AFB FL 32542-5418

SUBJECT: Response to the United States Nuclear Regulatory Commission (NRC) Memo,
Dated 24 April 2003

1. Based on the March 28 telephone discussion between Mr. Richard Codell of the NRC and the Partnering Team for Eglin's Low Level Radioactive Material (LLRM), regarding the NRC letter dated April 24, 2003, Eglin requests that the RW-41 Test Area C-74L Decommissioning Plan submitted in May 24, 2002 be revised to change Eglin's obligation to an industrial scenario with a $DCGL_w$ from 600 pCi/g to the NRC residential scenario for DU contaminated sites of 469 pCi/g using 25 mR/yr instead of the stated 15 mR/yr.
2. The decommissioning of RW-41 Test Area C-74L has been ongoing since November 2003, using the $DCGL_w$ of 600 pCi/g as a guideline and a $DCGL_{EMC}$ of 44 thousand counts per minute (kcpm). The $DCGL_{EMC}$ is equivalent to the $DCGL_w$ of 600 pCi/g. As written in the original decommissioning plan, an investigation level of 22 kcpm (half the $DCGL_{EMC}$) was established as the actual hot spot removal criteria. Any hot spots found above 22 kcpm would be removed. This remediation level would be equivalent to a $DCGL_w$ of 300 pCi/g, which is well below the NRC residential scenario of 469 pCi/g. Eglin estimates that greater than 90 percent of the controlled area at RW-41 Test Area C-74L will meet the EPA residential criteria of 281 pCi/g at 15 mR/yr without additional remediation. The NRC site visit conducted in January 2003, verified that our operating procedures and survey techniques were within NRC decommissioning requirements.
3. Additional information can be obtain from Mr. Stephen Curry, Base Radiation Safety Officer at 850-883-8294.


DOUGLAS DAVIS, GS-13
USAF Permit Certifying Official

