

CADRE Evaluation (Area code 71) for consideration as part of the Idaho Chemical Processing Plant Special Exposure Cohort

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Introduction

Sanford Cohen and Associates (SC&A) recommended that persons with dosimetry indicating CADRE should be considered part of the class of workers at CPP.

“Observation 4: Absent additional information to the contrary, dosimetry associated with “CADRE” should be considered CPP for the purposes of determining SEC eligibility. Similar to the CPP dosimetry records, it is important to establish that “CADRE” badging records have all been captured from INL.”

This was based on a listing of area codes in which Area Code 71 was inadvertently listed as being at CPP.

Area Code	Area Description	Comments
30	ANP – Aircraft Nuclear Program	Located at TAN
31	STPF	
32	NRF	Per George Rammell (Marie E.)
33	CFA Laundry Monthly	
34	CFA Monthly	
35	CFA Quarterly	
42	TRA Monthly	
45	TRA Quarterly	
53	CPP Monthly	
55	CPP Quarterly	
61	Unknown to Paul and Marie	
63	SIW	Located at NRF
64	ATW	Located at NRF
65	ECF – Expended Core Facility	Located at NRF
66	Non-Security	
67	Division of Compliance	
68	STEP	TAN
69	SPFT	GE
70	LPTF	Phillips/AEC
71	CADRE	Believed to be located at CPP
72	EBOR	Located at TAN
73	EBOR	Located at TAN

Figure 4. Screenshot of INL 2011 Indicating the Area "CADRE" is Likely at the CP

Discussion

Throughout the SL-1 documentation and prior to the accident, CADRE appears to reference the military staff that operated the reactor. Photos #59-4107 and #59-4108 are titled “View of Cadre at SL-1”. Later in 1959, photo 59-6570 is titled a “Special operator’s course number 1 at the SL-1 Cadre U.S. Army Engineer Reactors group.” In 1960, photo #60-3918 appears to be a photo of the group at the CADRE training building located at the Stationary Low Power Reactor (SL-1), which is consistent with the 1959 photos indicating a reference to personnel and training.

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2/25/2016

In 1962, 1963 and 1966 the area dosimetry reports for Area Code 71 list CADRE as the “contractor” however the location is listed as ERC (Figure 1). This documentation is the original forms to the information SC&A found on the locator cards for certain individuals.

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CONTRACTOR
CADRE

U. S. ATOMIC ENERGY COMMISSION
IDAHO OPERATIONS OFFICE
PERSONNEL METERING BRANCH

001 AREA
ERC

PERSONNEL EXPOSURE REPORT

NAME	FILM BADGE NO.	CONT CODE	PERIOD ENDING			AREA CODE	REASON CODE	BETA EXPOSURE	GAMMA EXPOSURE	NEUTRON EXPOSURE	TOTAL EXPOSURE	IRREG CODE
			MO.	DAY	YR.							
	010005	01	10	02	62	71	01	0000	*0000			
	010006	01	10	02	62	71	01	0000	*0000			
	010007	01	10	02	62	71	01	0000	*0000			

In 1962, the photograph index acronym list indicates ERC is the Emergency Response Center. The focus of the 1962 photo set appears to be from the AEC Security Division evaluating potential offsite locations in Rexburg (nearby town) for the Emergency Response Center.

An investigation of the individuals listed on the CADRE dosimetry reports for 1962, 1963, and 1966 revealed that Site Managers and a very large number of Division Directors or Chiefs are included on this dosimetry report (Attachment A). The Division Directors or Division Chiefs names and affiliations were found in the 1960 Health and Safety Annual Report internal distribution list (SRDB 8078). In addition, some of the individuals on the CADRE dosimetry report were Health and Safety personnel as well as security, communications, and meteorologist. All of the job titles found are consistent with a staff expected at an Emergency Response Center during an off normal occurrence.

In 1965, Emergency Response Center (ERC) is again found in the photo index indicating that the Offsite ERC was at the I.D Headquarters Building in Idaho Falls.

Conclusions

NIOSH believes that with this follow-up there is sufficient evidence to the contrary that CADRE was in reference to the staff at the Emergency Response Center (ERC) in the early 1960's. We believe the initial indication in the area code table is not correct and therefore should not be considered part of the CPP SEC class.

Reference

Horan, J.R. (1960) Annual Report for the Health and Safety Division, September 1961, IDO-12019, SRDB# 008078.

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Attachment A

To be added after redaction.

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