

January 14, 1987

DECL
OK

Dockets Nos. 50-269, 50-270 and 50-287;
50-369 and 50-370;
50-413 and 50-414

Mr. Hal B. Tucker
Vice President - Nuclear Production
Duke Power Company
P. O. Box 33189
422 South Church Street
Charlotte, North Carolina 28242

Dear Mr. Tucker:

SUBJECT: DISPOSAL OF RADIOACTIVELY CONTAMINATED WOOD TO SANITARY LANDFILL

Regarding: Oconee Nuclear Station, Units 1, 2 and 3
McGuire Nuclear Station, Units 1 and 2
Catawba Nuclear Station, Units 1 and 2

By a May 11, 1984 letter, you requested NRC approval of the disposal at each of the nuclear stations for wood and/or wood products which have been contaminated with or contain radioactivity levels less than 5000 disintegrations per minute (dpm) per 100 square centimeters (cm²). The criteria for release for disposal are based to a large extent on IE Circular No. 81-07.

The disposal or burial of the waste is subject to approval by the States of North and South Carolina under the agreement with the NRC pursuant to Section 274b of the Atomic Energy Act of 1954, as amended, and 10 CFR Part 150. For the disposal of the wood and/or wood products, permission must be issued by the States of North and South Carolina. For this purpose, the South Carolina Bureau of Radiological Health and the North Carolina Utilities Commission are the State agencies. Other State and local regulatory agencies may also have some jurisdiction in this area.

With regard to future proposals for disposition within the exclusion area or outside the exclusion area of slightly contaminated solid waste, in Agreement States, the State approves the disposal or burial of waste contaminated at very low levels of radioactivity.

In your letter of May 11, 1984, you also requested that we consider that if the licensee controls radioactively contaminated material in accordance with 10 CFR Part 20 and IE Circular No. 81-07, that NRC approval of disposal of the material may not be required by the regulations, in that implicit approval has been provided by the Circular. IE Circular No. 81-07 did not establish a minimum radioactivity level criteria for releasing radioactively contaminated materials from restricted areas for unrestricted use. The intent of the Circular was to provide guidance on acceptable limits of detection of portable survey equipment, thus defining "how hard you have to look" for radioactivity

8701280519 870114
PDR ADDCK 05000269
PDR

when the use of portable survey equipment is necessitated as part of a radioactive materials control program. Since there is presently no de minimis standard for disposal of very low level radioactive solid waste, you still need to apply for approval from the agreement state.

If you have any questions, please advise.

Sincerely,

KS

John F. Stolz, Director
PWR Project Directorate #6
Division of PWR Licensing-B

cc: See next page

<u>DISTRIBUTION</u>	ACRS-10	Docket File
BGrimes	EYoungblood	NRC & L PDRs
JPartlow	GEdition	HPastis
PBD-6 Files	RIngram	DHood
FMiraglia	Gray File	KJabbour
OGC-MNBB 9604	NThompson	EJordan
MDuncan		

*See previous white for concurrences

PBD-6*	PBD-6*	PBD-6*	PBD-6*	PBD-6*	PBD-6*	OGC*
RIngram	HPastis;jak	SWest	CMcCracken	GEdition	JStolz	RFonner
9/10/86	9/10/86	9/29/86	9/30/86	9/30/86	9/30/86	1/8/87

PAD-4*	PAD-4*
MDuncan	EYoungblood
9/29/86	9/29/86

WMEG
JGreeves
1/1/87

NMSS
OFFERED
COMMENTS
BUT DID NOT
CONCUR-SEE
NMSS 10/10/86 MEMO

Note - NMSS did not disagree w/
this letter. They stated they had
not reviewed the NRC SRP &
therefore could not conclude what
the NRC had on this issue.
#EEdison
1/14/87

when the use of portable survey equipment is necessitated as part of a radioactive materials control program. Since there is presently no de minimus standard for disposal of very low level radioactive solid waste, you still need to apply for approval from the agreement state.

If you have any questions, please advise.

Sincerely,

John F. Stolz, Director
PWR Project Directorate #6
Division of PWR Licensing-B

cc: See next page

<u>DISTRIBUTION</u>	ACRS-10	Docket File
BGrimes	EYoungblood	NRC & L PDRs
JPartlow	GE Edison	HPastis
PBD-6 Files	RIngram	DHood
FMiraglia	Gray File	KJabbour
OGC-MNBB 9604	NThompson	EJordan
MDuncan		

*See previous white for concurrences

PRD-6*	PBD-6*	PBD-6*	PBD-6*	PBD-6*	PBD-6*	OGC
RIngram	HPastis;jak	SWest	CMcCracken	GE Edison	JStolz	<i>R.L. Forner</i>
9/10/86	9/10/86	9/29/86	9/30/86	9/30/86	9/30/86	11/8/87

PAD-4*	PAD-4*	WMEG
MDuncan	EYoungblood	JGreeves
9/29/86	9/29/86	/ /87

defining "how hard you have to look" for radioactivity when the use of portable survey equipment is necessitated as part of a radioactive materials control program. Therefore, for disposal of solid waste onsite, you still need to apply for approval to the NRC since the intent of the Circular is not to set a minimum level below which radioactively contaminated materials may be released from restricted areas for unrestricted use.

If you have any questions, please advise.

Sincerely,

John F. Stolz, Director
PWR Project Directorate #6
Division of PWR Licensing-B

cc:
See next page

DISTRIBUTION	ACRS-10	CMcCracken
Docket File	BGrimes	EYoungblood
NRC PDR	JPartlow	GEdition
L PDR	HPastis	MDuncan
PBD-6 Rdg	RIgram	DHood
FMiraglia	Gray File	KJabbour
OGC-MNBB 9604	NThompson	
EJordan	SWest	

*See previous white for concurrences.

PBD-6	PBD-6	PBD-6	PBD-6	PBD-6	PBD-6	OGC	PAD-4
RIgram*	HPastis;jak*	SWest*	CMcCracken*	GEdition*	JStolz*		MDuncan*
9/10/86	9/10/86	9/29/86	9/30/86	9/30/86	9/30/86	9/ /86	9/29/86
				PAD-4	WMEG		
				EYoungblood*	JGreeves		
				9/29/86	10/ /86		

defining "how hard you have to look" for radioactivity when the use of portable survey equipment is necessitated as part of a radioactive materials control program. Therefore, for disposal of solid waste onsite, you still need to apply for approval to the NRC since the intent of the Circular is not to set a minimum level below which radioactively contaminated materials may be released from restricted areas for unrestricted use.

If you have any questions, please advise.

Sincerely,

John F. Stolz, Director
PWR Project Directorate #6
Division of PWR Licensing-B

cc:
See next page

DISTRIBUTION	ACRS-10	CMcCracken
Docket File	BGrimes	EYoungblood
NRC PDR	JPartlow	GE Edison
L PDR	HPastis	MDuncan
PBD-6 Rdg	RIngram	DHood
FMiraglia	Gray File	KJabbour
OGC-MNBB 9604	NThompson	
EJordan	SWest	

PBD-6
RIngram
9/10/86

PBD-6
HPastis;jak
9/10/86

PBD-6
SWest
9/11/86

PBD-6
CMcCracken
9/30/86

PBD-6
GE Edison
9/30/86

PBD-6
JStolz
9/30/86

OGC
9/ /86

PAD-4
MDuncan
9/29/86

PAD-4
EYoungblood
9/29/86

25H 9/10/86