

AEC DISTRIBUTION FOR PART 50 DOCKET MATERIAL
(TEMPORARY FORM)

CONTROL NO: 2713

FILE: ENVIRO

FROM: Office of Urban & Federal Affairs Nashville, Tenn. 37219 Suzanne M. Bentley			DATE OF DOC 3-25-74	DATE REC'D 3-29-74	LTR X	MEMO	RPT	OTHER
TO: Mr. Muller			ORIG 1 signed	CC	OTHER	SENT AEC PDR X SENT LOCAL PDR X		
CLASS	UNCLASS XXXX	PROP INFO	INPUT	NO CYS REC'D 1		DOCKET NO: 50-438/439		
DESCRIPTION: Ltr trans the following:				ENCLOSURES: Comments on the Draft Enviro Statement from the Tenn. Dept. of Public Health (1 cy rec'd)				
PLANT NAME: Bellefonte Units 1 & 2				<div style="text-align: right; border: 2px solid black; padding: 5px; display: inline-block;"> ACKNOWLEDGED Do Not Remove </div>				

FOR ACTION/INFORMATION

3-30-74

AB

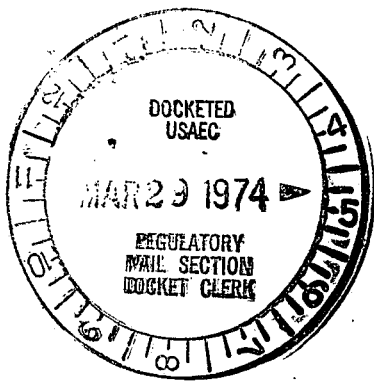
BUTLER(L)	✓ SCHWENCER(L)	ZIEMANN(L)	✓ REGAN(E)
W/ Copies	W/1 Copies (Info)	W/ Copies	W/ 1 Copies
CLARK(L)	STOLZ(L)	DICKER(E)	
W/ Copies	W/ Copies	W/ Copies	W/ Copies
GOLLER(L)	VASSALLO(L)	KNIGHTON(E)	
W/ Copies	W/ Copies	W/ Copies	W/ Copies
KNIEL(L)	SCHEMEL(L)	YOUNGBLOOD(E)	
W/ Copies	W/ Copies	W/ Copies	W/ Copies

INTERNAL DISTRIBUTION

✓ REG FILE(2)	TECH REVIEW	DENTON	LIC ASST	A/T IND
✓ AEC PDR (2)	HENDRIE	GRIMES		BRAITMAN
OGC, ROOM P-506A	SCHROEDER	GAMMILL	DIGGS (L)	SALTZMAN
✓ MUNTZING/STAFF	MACCARY	KASTNER	GEARIN (L)	B. HURT
CASE	KNIGHT	✓ BALLARD	✓ GOULBOURNE (L)	PLANS
GIAMBUSSO	PAWLICKI	SPANGLER	LEE (L)	MCDONALD
BOYD	SHAO		MAIGRET (L)	DUBE w/Input
✓ MOORE (L)(EWR)	STELLO	ENVIRO	SERVICE (L)	INFO
DEYOUNG(L)(PWR)	HOUSTON	MULLER	SHEPPARD (E)	C. MILES
SKOVHOLT (L)	NOVAK	DICKER	SMITH (L)	B. KING
P. COLLINS	ROSS	KNIGHTON	TEETS (L)	
DENISE	IPPOLITO	YOUNGBLOOD	WADE (E)	
REG OPR	TEDESCO	REGAN	WILLIAMS (E)	
✓ FILE & REGION(3)	LONG	✓ PROJECT LDR	WILSON (L)	
MORRIS	LAINAS	DITTMAN(2)	✓ S. REED (E)	
STEELE	✓ BENAROYA	✓ HARLESS		
	VOLLMER			

EXTERNAL DISTRIBUTION

1 - LOCAL PDR	Scottsboro, Ala.	(1) (2) (10) NATIONAL LAB'S	ANL	1-PDR-SAN/LA/NY
1 - DTIE(ABERNATHY)		1-ASLBP(E/W Bldg, Rm 529)		1-GERALD LELLOUCHE
1 - NSIC(BUCHANAN)		1-W. PENNINGTON, Rm E-201 GT		BROOKHAVEN NAT. LAB
1 - ASLB(YORE/SAYRE/	WOODARD/"H" ST.	1-CONSULTANT'S		1-AGMED(Ruth Gussman)
16 - CYS ACRS HOLDING		NEWMARK/BLUME/AGBABIAN		RM-B-127, GT.
		1-GERALD ULRICKSON...ORNL		1-RD..MULLER..F-309 GT



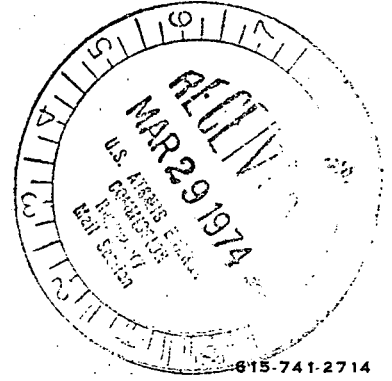
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STATE OF TENNESSEE
OFFICE OF URBAN AND FEDERAL AFFAIRS

SUITE 1312
ANDREW JACKSON STATE OFFICE BUILDING
NASHVILLE 37219



GARY S. SASSE
DIRECTOR

March 25, 1974

Mr. Daniel R. Muller, Assistant Director
for Environmental Projects
Directorate of Licensing
U. S. Atomic Energy Commission
Washington, D. C. 20545

50-438
50-439

Re: Environmental Impact Statement by
the U. S. Atomic Energy Commission
Related to Proposed TVA
Bellefonte Nuclear Plant

Dear Mr. Muller:

In conformance with guideline procedures stipulated in OMB Circular A-95 and in accordance with the Governor's Executive Order 6, designating the Office Of Urban and Federal Affairs as the State Clearinghouse for Federal grant programs, we have reviewed your draft environmental statement on the above mentioned proposed project (Jackson County, Alabama, 43 miles upstream of Guntersville Dam in Guntersville Reservoir) ..

Our evaluation of submitted materials identified no conflicts with existing or planned State activities. However, we are attaching comments received from the Tennessee Department of Public Health concerning several inaccuracies and discrepancies referred to in the statement as they relate to local environmental effects. We encourage you to consider these comments prior to finalization of the statement to insure accuracy and consistency.

If our office, as the State Clearinghouse, can be of further assistance, please do not hesitate to contact us.

Sincerely,

Suzanne M. Bentley
Suzanne M. Bentley
Grant Review Coordinator

SMB/prp

2713

DEPARTMENT OF PUBLIC HEALTH

CORRESPONDENCE

FROM	TO	DATE
IRH	EHS	3/18

DATE: March 18, 1974

TO: David Booth

FROM: Bill Graham

SUBJECT:

As requested in your memo dated February 11, 1974, the following will detail our comments on the Draft Environmental Statement as prepared by AEC on Bellefonte Nuclear Plant.

1. Page 3-11

We question the statement found in paragraph 1, "Based upon our evaluation, the radioactivity in the liquid effluent from units 1 and 2 exclusive of tritium will be less than 5 curies/year..." Table 3.2 on page 2 shows that the calculated annual radionuclide release in liquid waste, per unit, exclusive of tritium to be 0.1 Ci/yr. Also this figure of 0.1 Ci/yr was normalized from 0.03 Ci/yr on page 3-9. Thus, the total effluent from both units as derived from Table 3.2 equal 0.2 Ci/yr. Our question is this. Why overstate the problem by saying that the effluent release will be less than 5 Ci/yr when it will actually be less than 1 Ci/yr?

2. Page 3-15 Table 3.3

It was impossible for us to determine from table 3.3 the calculated annual release of radioactive materials in gaseous effluents as many of the totals shown appear to be grossly incorrect. The most apparent inaccuracies are noted in the following:

FROM	DATE
DS	3/18

TO	DATE
BHW	3/18

DHB	3/18
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Item	Total Shown	Correct Total
Total for Kr-85	1.8×10^3	1017
Total for Xe-133	1.3×10^3	400
Total for auxiliary	600	122
Total for air ejector	600	122

In addition, as the footnote denotes that (0) indicates release is less than 10^{-20} Ci/yr, all releases therefore noted in the table, even though minute, become significant and should be included in the totals.

CORRESPONDENCE

SUBJECT:

- 2 -

3. Page 3-14

There is considerable difference in AEC and TVA estimates of solid waste to be shipped from the reactor site each year.

	<u>Spent resins</u>	<u>Evaporator bottoms</u>	<u>Misc. dry waste</u>
TVA estimate	3100 ft ³	1920 ft ³	4900 ft ³
AEC estimate	4000 ft ³	2941 ft ³	8820 ft ³

Also large differences are noted between AEC and TVA estimates of curies of material leaving the plant as solid waste each year.

	<u>Spent resins</u>	<u>Evaporator bottoms</u>	<u>Misc. dry waste</u>
TVA estimate	1550 Ci/yr	60 Ci/yr	50 Ci/yr
AEC estimate*	10,000 Ci/yr	800 Ci/yr	5 Ci/yr

* After 180 days decay

No explanation is given for the wide variations in estimates. As can be noted some of the variations are extremely large.

4. Page 5-7

Under Section 5.3.1.2 reference is made to Section 3.5 "The basis for these values is discussed in Section 3.5". There appears to be no section 3.5 in this document.



B.G.

db