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FROM: U. S. Department of Commerce Washington, D. C. 20230 Sidney R. Galler	DATE OF DOC: 01-05-73	DATE REC'D 01-05-73	LTR X	MEMO	RPT	OTHER
TO: Daniel R. Muller	ORIG 1	CC	OTHER	SENT AEC PDR X SENT LOCAL PDR X		
CLASS: U/PROP INFO	INPUT	NO CYS REC'D 1	DOCKET NO: 50-331			

DESCRIPTION:
Ltr re our 11-20-72 ltr...furnishing comments on the draft environmental statement for the Duane Arnold Energy Center.

ENCLOSURES:

ACKNOWLEDGED
DO NOT REMOVE

PLANT NAMES: Duane Arnold

FOR ACTION/INFORMATION 01-05-73 rht

BUTLER(L) W/ Copies	SCHWENGER(L) W/ Copies	SCHEMEL(L) W/ Copies	KNIGHTON(E) W/ Copies
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INTERNAL DISTRIBUTION

✓ REG FILE	TECH REVIEW	VOLLMER	✓ HARLESS	✓ WADE	E
✓ AEC-PDR	HENDRIE	DENTON	F & M	SHAFFER	F & M
OGC, ROOM P-506A	SCHROEDER	GRIMES	SMILEY	BROWN	E
MUNTZING/STAFF	MACCARY	GAMMILL	NUSSBAUMER	G. WILLIAMS	E
CASE	LANGE(2)	KASTNER		E. GOULBOURNE	L
GIAMBUSSO	PAWLICKI	BALLARD	LIC ASST.	A/T IND	
✓ BOYD-L(BWR)	SHAO	SPANGLER	SERVICE L	BRATTMAN	
DEYOUNG-L(PWR)	KNUTH		MASON L	SALTZMAN	
SKOVHOLT-L	STELLO	ENVIRO	WILSON L	PLANS	
P. COLLINS	MOORE	MULLER	✓ MAIGRET L	MCDONALD	
REG OPR	HOUSTON	DICKER	SMITH L	DUBE	
✓ FILE & REGION (2)	TEDESCO	KNIGHTON	GEARIN L	INFO	
MORRIS	LONG	YOUNGBLOOD	DIGGS L	C. MILES	
STELLE	LAINAS	PROJ LEADER	TEETS L	✓ BUTLER	
	✓ BENAROYA		LEE L		
		REGAN			

EXTERNAL DISTRIBUTION

- ✓ 1-LOCAL PDR Cedar Rapids, Iowa
- 1-DTIE(ABERNATHY)
- 1-NSIC(BUCHANAN)
- 1-ASLB-YORE/SAYRE
- WOODWARD/H. ST.
- 16-CYS ACRS HOLDING
- ✓ (1) ██████████ - NATIONAL LAB'S ANL
- 1-R. CARROLL-OC, GT-B227
- ✓ 1-R. CATLIN, E-256-GT
- 1-CONSULANT'S
- NEWMARK/BLUME/AGABIAN
- 1-PDR-SAN/LA/NY
- 1-GERALD LELLOUCHE
- BROOKHAVEN NAT. LAB
- 1-AGMED(WALTER KOESTER,
- Rm C-427, GT)
- 1-RD...MULLER...F-309GT



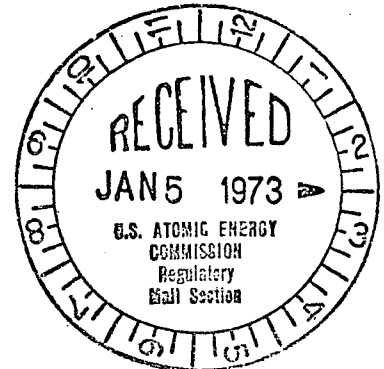
Regulatory

File Cy.

January 5, 1973

50-331

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



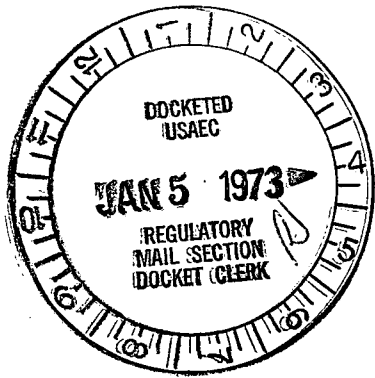
Dear Mr. Muller:

The draft environmental impact statement for the Duane Arnold Energy Center which accompanied your letter of November 20, 1972, has been received by the Department of Commerce for review and comment.

The Department of Commerce has reviewed the draft environmental statement and has the following comments to offer for your consideration.

We have assumed from table 3.7 and the preceding text that the bulk of the radioactive routine release is from the gland seal and the air ejector by way of the 100-m main off-gas stack. Our estimate for the maximum annual average relative concentration is 8×10^{-8} sec m^{-3} towards the north of the site and at a distance of 2500 m. This is in comparison to the applicant's value of 6×10^{-8} sec m^{-3} as found in the Final Safety Analysis Report. If our interpretation of the AEC staff's table 5.4 is correct, their maximum value is 2.1×10^{-7} sec m^{-3} . However, no units are indicated nor is the assumed stack height and the meteorological data base presented.

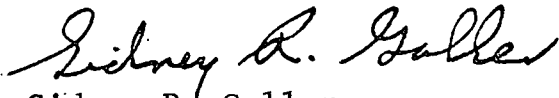
We have reviewed the sections of the draft environmental impact statement pertaining to the impact of operation of the Duane Arnold Energy Center, Linn County, Iowa, on the aquatic environment, and we noted several deficiencies in the information provided in the radiological portions of the statement. Table 5.3, "Doses to Biota in the Vicinity of the DAEC," does not specify the units for the radiation doses listed; however, we presume that the dose rates given in the table are in mrem/year. Table 6.1, "Sampling System for the Environmental Monitoring Programs," lists Cedar River as a sampling



location for aquatic biota but does not specify either the distance from the effluent outfall or the species to be sampled. Aquatic plants are not included in the list of samples to be analyzed. We suggest that the information in these tables be revised and expanded.

We hope these comments will be of assistance to you in the preparation of the final statement.

Sincerely,

A handwritten signature in cursive script that reads "Sidney R. Galler".

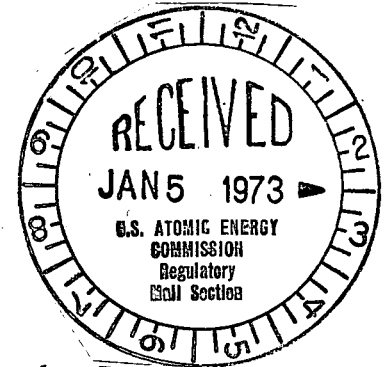
Sidney R. Galler
Deputy Assistant Secretary
for Environmental Affairs



January 5, 1973

50-331

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Deputy Assistant Secretary
for Environmental Affairs