

JAN 24 1979

4E-WE

Mr. William H. Regan, Jr.  
Chief  
Environmental Projects Branch 2  
Division of Site Safety and  
Environment Analysis  
Nuclear Regulatory Commission  
Washington, D. C. 20555

RE: Bellefonte Nuclear Plant  
NPDES No. ALO024635

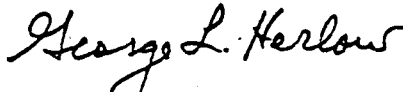
Dear Mr. Regan:

We have reviewed the material enclosed with your letter of December 6, 1978, to Mr. Paul Frey as well as other information contained in our files relative to the referenced facility.

While we would not generally consider that a cooling water intake located at the end of a dead-end canal is best available technology for a new plant, available data and evaluations indicate that impingement and entrainment at this facility should not result in unacceptable environmental damage. Since construction of the intake is virtually completed, we will not require any modifications at this time. The NPDES permit, when issued, will require impingement and entrainment studies, however. The permit will also contain language which would require modifications if the results of the studies indicate unacceptable levels of impingement and/or entrainment are occurring.

Should you have any additional questions or comments, do not hesitate to contact us.

Sincerely yours,



George L. Harlow  
Chief  
Water Enforcement Branch  
Enforcement Division

cc: Dr. Harry G. Moore  
Tennessee Valley Authority

Mr. James W. Warr  
Alabama Water Improvement Comm.

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REGULARLY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 7901290229 DOC. DATE: 79/01/24 NOTARIZED: NO DOCKET #  
 FACIL: 50-438 Bellefonte Nuclear Plant-1, Tennessee Valley Authority 05000438  
 50-439 Bellefonte Nuclear Plant-2, Tennessee Valley Authority 05000439  
 AUTH. NAME: AUTHOR AFFILIATION  
 HARLOW, G.L. Environmental Protection Agency  
 RECIP. NAME: RECIPIENT AFFILIATION  
 REGAN, W.H. Environmental Project Branch 2

SUBJECT: Matl forwarded by NRC 781206 ltr has been reviewed. Available data indicates that impingement & entrainment should not result in unacceptable environ damage & no mods are required at this time.

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INTERNAL:	01 <b>REG FILE</b>	1	02 NRC PDR	1
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	12 AD SITE TECH	2	14 ACCIDENT ANALY	1
	15 EFLT TRT SYS	1	16 RAD ASMT BR	1
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	AD SITE ANALY	1	GELD	1
EXTERNAL:	03 LPDR	1	04 NSIC	1
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RE: Bellefonte Nuclear Plant  
NPDES No. AL0024635

REGULATORY DOCKET FILE COPY

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