



ARKANSAS POWER & LIGHT COMPANY

POST OFFICE BOX 551 LITTLE ROCK, ARKANSAS 72203 (501) 371-4000

July 2, 1982

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Director of Nuclear Reactor Regulation  
ATTN: Mr. Robert A. Clark, Chief  
Operating Reactors Branch #3  
Division of Licensing  
U. S. Nuclear Regulatory Commission  
Washington, D. C. 20555

Director of Nuclear Reactor Regulation  
ATTN: Mr. J. F. Stolz, Chief  
Operating Reactors Branch #4  
Division of Licensing  
U. S. Nuclear Regulatory Commission  
Washington, D. C. 20555

SUBJECT: Arkansas Nuclear One - Unit 1 & 2  
Docket Nos. 50-313 and 50-368  
License Nos. DPR-51 and NPF-6  
Additional Information Requested by NRC  
concerning AP&L's submittals on IE Bulletin  
80-11, "Masonry Wall Design."  
(File: 1510.1, 2-1510.1)

Gentlemen:

This letter is provided to follow-up on our April 30, 1982, correspondence (ØCANØ48211) and to confirm a June 30, 1982, telephone conversation between AP&L, NRC and Franklin Research concerning the two remaining open items on the subject Bulletin. As discussed with NRC's Mr. Charles Trammell, the walls which were originally determined to be inaccessible for various reasons and hence excluded from the original survey of Unit 1, have since been surveyed to the extent possible. Walls 6-B-44 and 6-B-42 were surveyed on April 23, 1982, and found to have no large items attached to them. Therefore, the blockwall stresses reported in our original response are considered to conservatively estimate the maximum stress resultants. As previously stated, wall 4-B-66 is in a high radiation area, and our previous analysis has been substantiated in drawing reviews. Wall 4-B-169 is in a closed pipe chase and is not physically accessible.

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It is our opinion that this completes all the items for ANO Unit 1 and should supply NRC with sufficient data to prepare a safety evaluation of its masonry walls.

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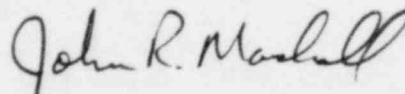
The original ANO-2 response identified the following wall faces as inaccessible:

<u>Wall</u>	<u>Elevation</u>	<u>Room Type</u>	<u>Rad Level</u>
23-B-18	335'-0"	Fuel Pool Filter Room	High Rad.
23-B-20	335'-0"	Fuel Pool Filter Room	High Rad.
23-B-25	354'-0"	Pipe Chase Not Accessible	High Rad.
23-B-27	354'-0"	Pipe Chase Not Accessible	High Rad.
23-B-30	354'-0"	Pipe Chase Not Accessible	High Rad.
23-B-31	354'-0"	Pipe Chase Not Accessible	High Rad.
23-B-33	354'-0"	Pipe Chase Not Accessible	High Rad.
23-B-35	368'-0"	Pipe Chase Not Accessible	High Rad.
23-B-37	368'-0"	Pipe Chase Not Accessible	High Rad.
23-B-40	368'-0"	Pipe Chase Not Accessible	High Rad.
23-B-41	368'-0"	Pipe Chase Not Accessible	High Rad.
23-B-43	368'-0"	Pipe Chase Not Accessible	High Rad.
24-B-58	335'-0"	Spent Resin Storage Tank Room	Very High Rad.
24-B-83	335'-0"	Ion Exchange Area	High Rad.
24-B-96	335'-0"	Fuel Pool Ion Exchanger	High Rad.
24-B-159	354'-0"	Vol. Control Tank Room	High Rad.
24-B-160	354'-0"	Vol. Control Tank Room	High Rad.
24-B-164	354'-0"	Vol. Control Tank Room	High Rad.
24-B-194	374'-6"	HVAC Chase Not Accessible	High Rad.
24-B-204	372'-0"	Pipe Chase Not Accessible	High Rad.
24-B-205	372'-0"	Pipe Chase Not Accessible	High Rad.

However, each of the above wall faces did have its opposite face surveyed during the original wall walkdown. Additionally, each of the above walls were analyzed based on drawing surveys and found to meet applicable structural acceptance criteria.

AP&L plans to survey each of the above walls during the next refueling outage, which is presently planned for the fall of 1982. An ALARA review will first be made of each wall to determine if the personnel radiation exposure warrants the data to be gathered. Drawings surveys will be substituted for actual field walkdowns for extremely high radiation areas. Should this walkdown yield any results which could impact the structural integrity of the ANO-2 blockwalls, NRC will be advised. At the completion of the field survey NRC will be notified that all work is completed.

Sincerely,



John R. Marshall  
Manager, Licensing

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