



ARKANSAS POWER & LIGHT COMPANY
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October 12, 1982

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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

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

Subject: Arkansas Nuclear One - Units 1 & 2
Docket No. 50-313 and 50-368
License No. DPR-51 and NPF-6
Waste Gas System Hydrogen/Oxygen Analyzers

Gentlemen:

At the request of NRC's Mr. Guy Vissing, the purpose of this letter is to provide you with the status of the Waste Gas System and provide a schedule for the installation of redundant hydrogen/oxygen analyzers.

In late 1979/early 1980, an evaluation of the Waste Gas System was performed. As a result of this evaluation, substantial engineering effort was expended to upgrade the Waste Gas System. A status of this work was given in AP&L's April 16, 1981, (ØCANØ48112) letter to Mr. Seyfrit. A further status was provided in our letter of March 19, 1982, (ØCANØ382Ø8) to Mr. Seidle.

In addition to this upgrade of the Waste Gas System, AP&L's February 25, 1982, (ØCANØ282Ø9) letter committed to install a redundant hydrogen/oxygen analyzing system at ANO. Since this date, a study has been performed of the types of equipment available and which type is most suited to our uses. This study has been completed and we are presently in the fourth week of the attached project schedule. We cannot, however, commit to strict adherence to this schedule because circumstances encountered during the project may necessitate schedule changes. In addition, a conceptual diagram of the proposed upgraded Waste Gas System redundant analyzer panel is attached.

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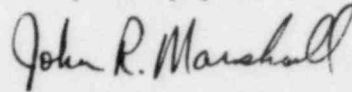
MEMBER MIDDLE SOUTH UTILITIES SYSTEM

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In our February 25, 1982, letter, as well as in our April 30, 1982, (ØCANØ48223) letter, we indicated we would provide revised Technical Specifications. Since that time, we have developed the attached installation schedule. As a result of the final installation date being several months in the future, we do not feel it is appropriate to submit Technical Specifications at this time. Revised Technical Specifications will be submitted upon the installation of the hydrogen/oxygen analyzing system.

Very truly yours,



John R. Marshall
Manager, Licensing

JRM:MCS:s1

Attachment

WEEKS

DESIGN	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45																
1 DESIGN WATER SEPARATORS.																																																													
2 OBTAIN QUOTES & PURCHASE WATER SEPARATORS.																																																													
3 DESIGN ANALYZER PANEL.																																																													
4 DEVELOP SPECS FOR ANALYZERS.																																																													
5 OBTAIN QUOTES & PURCHASE ANALYZER INSTRUMENTATION.																																																													
6 OBTAIN QUOTES & PURCHASE ANALYZER PANEL.																																																													
7 PREPARE INTERFACING AND LOCATION DRAWINGS.																																																													
8 PREPARE, APPROVE AND ISSUE PACKAGE.																																																													
DELIVERY & CONSTRUCTION																																																													
1 ANALYZER DELIVERY.																																																													
2 MOISTURE SEPARATOR DELIVERY.																																																													
3 PANEL DELIVERY.																																																													
4 INSTALL SYSTEM.																																																													