



ARKANSAS POWER & LIGHT COMPANY
POST OFFICE BOX 551 LITTLE ROCK, ARKANSAS 72203 (501) 371-4000
June 17, 1983

ØCANØ6831Ø

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

SUBJECT: Arkansas Nuclear One - Units 1 & 2
Docket Nos. 50-313 and 50-368
License Nos. DPR-51 and NPF-6
Emergency Control Center Radiation
Filtration System - NUREG-0737

Gentlemen:

During a telephone conversation between NRC's Mr. Guy Vissing and AP&L's Mr. Dale James and Mr. Ronnie Howerton on May 5, 1983, AP&L was requested by Mr. Vissing to supply further detail pertaining to the radiation filtration system for the Emergency Control Center (ECC) in support of AP&L's NUREG-0737 Supplement 1 submittal (ØCANØ48312). The following is provided for this purpose.

The radiation filtration system for AP&L ECC is designed to be manually activated. Upon activation, air handling units (AHUs) 1, 2, and 3, which feed the media portion of the ECC, shut down while AHUs 4 and 5, which feed the response portion of the ECC, continue to operate in a recirculation mode. The exhaust fans of all AHUs automatically stop and the appropriate duct dampers close. When the system is activated, approximately 16% of the return air circulated by AHUs 4 and 5 is passed through the filtration system. Sufficient outside air is also introduced to the building through the filtration system to maintain a positive pressure in the response portion of the facility. The attached sketch shows the makeup of the ECC filtration system. The system, a model AM-AIR300 manufactured by American Air Filter

8306230474 830617
PDR ADDCK 05000313
P PDR

A003
1/1

Mr. J. F. Stolz

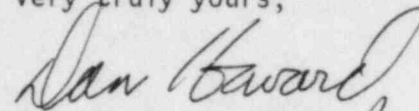
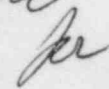
-2-

June 17, 1983

Company, consists of a preliminary filter, initial High Efficiency Particulate Air (HEPA) filter, carbon absorber filter and a final HEPA filter.

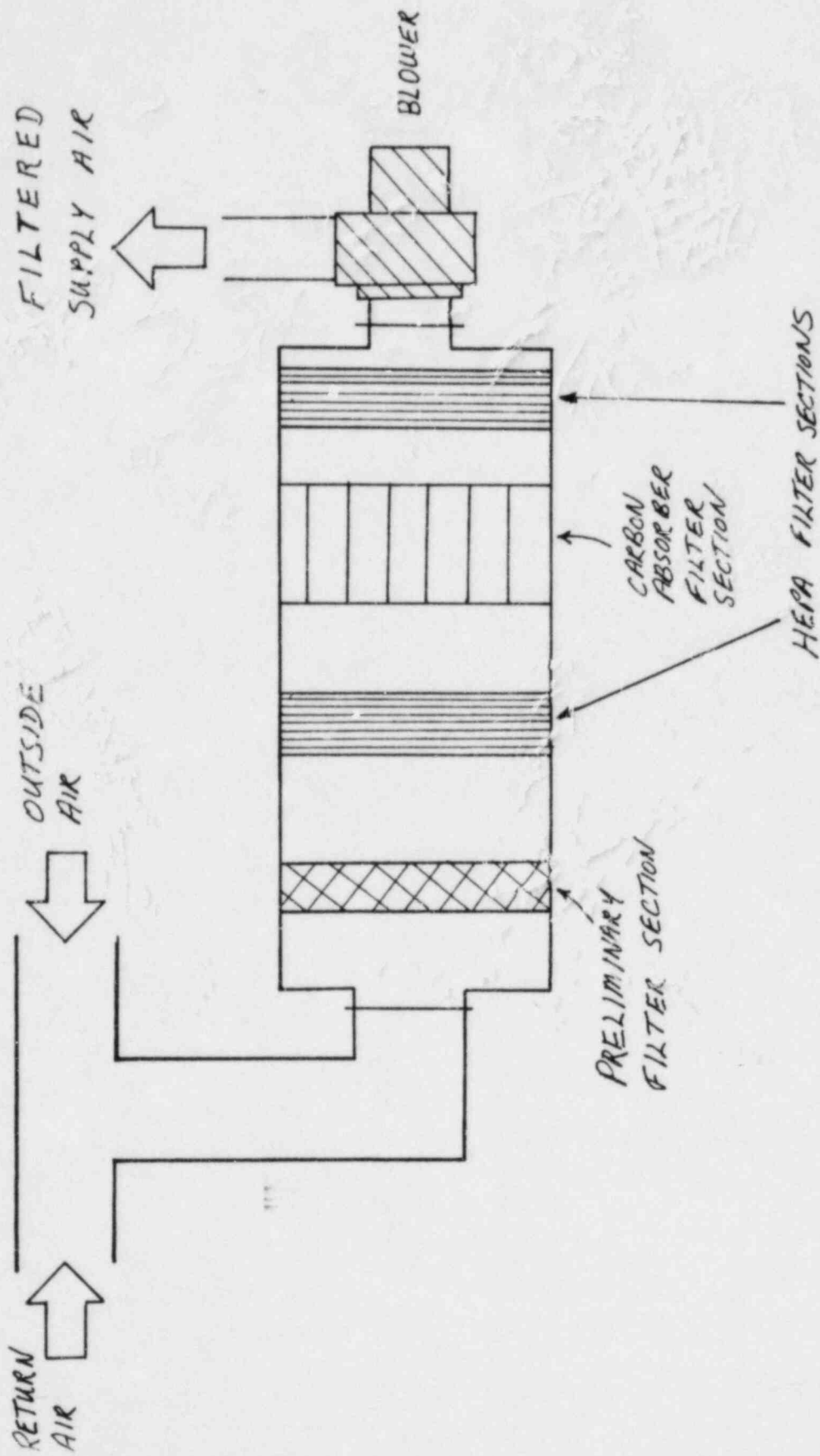
We trust the above information meets your needs.

Very truly yours,


John R. Marshall
Manager, Licensing 

JRM:DEJ:s1

Attachment



ECC RADIATION FILTRATION
SYSTEM