

March 28, 1988

MEMORANDUM FOR: Dennis M. Crutchfield, Director  
Division of Reactor Projects - III, IV,  
V and Special Projects

FROM: Lester S. Rubenstein, Director  
Standardization and Non-Power  
Reactor Project Directorate  
Division of Reactor Projects - III, IV,  
V and Special Projects

SUBJECT: PROJECTED COMPUTER REQUIREMENTS OF PDSNP

Currently PDSNP has one computer system assigned to its 12 staff members, a stripped IBM-PC.

We have completed an analysis of our information processing needs and have identified two unique tasks that have special computer requirements. The first is development of SERs for the next generation of standardized nuclear power plants. Because the standardized plant vendors plan to submit their SARs electronically or on diskette, the need exists for a computer system with hard disk storage capabilities in the range of 80 Meg.

Our other responsibility is the processing of classified porting reviews for the Navy. This is one purpose of the existing machine. However, usage of the existing machine by PDSNP has grown because opportunity to use the "floor" computer systems is limited due to heavy demand. This increased usage of the PC has made its shortcomings obvious. We desire to upgrade or replace this PC to the extent possible in accordance with security requirements.

Suggested needs and system configurations are attached.

original signed by Dino C. Scaletti for  
Lester S. Rubenstein, Director  
Standardization and Non-Power  
Reactor Project Directorate  
Division of Reactor Projects - III, IV,  
V and Special Projects

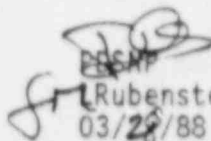
Enclosure  
As stated

cc: J. Blaha

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UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D. C. 20555

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*Lester S. Rubenstein*

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Suggested Computer System  
Configurations for PDSNP

(1) IBM PS/2

640k Memory  
70-80 Meg Hard Disk  
Color Graphics Display  
H-P Laser Jet Printer  
Modem (asynchronous)  
IBM PC DOS  
IBM Displaywrite 4  
Smarterm  
Lotus 1-2-3 Release 2  
dBase III Plus  
Sidekick  
Master Graphics

(2) Add to Current Machine

30 Meg hard disk or Bernoulli 20 Meg box  
640k Memory  
Color graphics card and Display  
(machine will use H-P Laser Jet with above system)

Or replace Current Machine with

IBM PS/2 Model 30  
640k Memory  
Color graphics and display  
(machine will use H-P Laser Jet with above system)

Software

IBM DOS, Basic  
IBM Displaywrite 4  
Lotus 1-2-3 Release 2  
dBase III Plus  
Chart-Master  
Sign-Master  
Diagram-Master  
Sidekick