

DEC 15 1972

The Babcock & Wilcox Company  
ATTN: Mr. Norman S. Elliott, Jr.  
Manager, Nuclear Training  
Power Generation Division  
P. O. Box 1260  
Lynchburg, Virginia 24505

Gentlemen:

This letter concerns the training programs being conducted by the Babcock & Wilcox Company for applicants who will be seeking "cold" operator and senior operator license examinations.

On December 18, 1968, we informed you that, based on your training brochure and our knowledge of the B&W Simulator, your training programs appeared appropriate to establish that an applicant has had extensive operating experience at a comparable reactor, as required by Section 55.25(b) of 10 CFR Part 55.

One of the criterion for accepting your program was that the applicants complete a four month assignment at an operating PWR. This requirement was established in order to assure ourselves that an applicant had received training in nuclear power plant operations that cannot be obtained utilizing the simulator. At this time, the B&W Company did not administer this portion of the training program.

On May 19, 1972, Mr. Deddens, Manager, Nuclear Service, informed us that the B&W Company was considering assuming responsibility for the above phase of the training program and outlined the services to be provided for three groups of utility personnel. At subsequent meetings in this office we approved the programs for the three utilities involved. However, we have not had the opportunity to review a proposed program to be offered to other utility personnel in the future. Consequently, our requirements for this portion of the training program remains as indicated in our letter, dated December 18, 1968. Please provide us with the details of your proposed training programs, so that we may determine what, if any, changes should be made in our present requirements regarding cold applicants who will participate therein.

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In our letter we also indicated that approval of the programs offered by B&W was subject to modification. In order to assist us in our review of your training programs, please provide us with the following information regarding the B&W NPPS.

1. A listing which indicates the degree of simulation for the reactor core, each electrical, hydraulic, mechanical, pneumatic and electronic system addressed in the SMUD Final Safety Analysis Report. If the parameters of a system are not simulated 100%, indicate the amount of simulation. If the parameters of a system are not simulated at all, indicate if "dummy" instrumentation, controls or indications are, or are not, installed on the NPPS control room panels.
2. A detailed comparison of the incidents and accidents addressed in Chapter 14 of the SMUD FSAR with those that can be programmed at the NPPS from the instructor's console. Please distinguish between those that are presently programmed and those that are yet to be programmed.
3. A listing of all other equipment malfunctions or abnormal conditions that are presently programmed at the NPPS from the instructor's console.
4. The means you plan to employ to assure fidelity of each simulated system when data is available from operating B&W designed facilities.
5. A photograph or engineering drawing of each control room panel at the NPPS, with a listing of instrumentation, controls and indications located thereon. Please include an engineering drawing of the entire "control room" that identifies each panel.

If it is your intention to use a nuclear power plant other than SMUD for the observation portion of the training programs, please include a listing of the differences between the NPPS and that plant.

We request that this information be submitted thirty (30) days from the date of this letter, so that we may continue our evaluation of the B&W Training Programs.

Sincerely,

ORIGINAL SIGNED BY  
P. F. COLLINS

Paul F. Collins, Chief  
Operator Licensing Branch  
Directorate of Licensing

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