

August , 2000

CCN 00-012848

David C. Fischer
Division of Engineering
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
Washington, DC 20555-0001

TRANSMITTAL OF ASCO TRIP REPORT FOR TASK 2.B., TASK ORDER 2 UNDER J-2828, A COMPARATIVE ANALYSIS OF SPECIAL TREATMENT REQUIREMENTS FOR SYSTEMS, STRUCTURES AND COMPONENTS (SSCS) OF NUCLEAR POWER PLANTS WITH COMMERCIAL REQUIREMENTS OF NON-NUCLEAR POWER PLANTS

Dear Mr. Fischer:

The Idaho National Engineering and Environmental Laboratory (INEEL) staff is pleased to respond to Task Order 2, task 2.b. under J-2828 and provide the attached trip report.

This trip report documents our trip to ASCO on August 24, 2000. If there are questions on the trip report, please call Gerry Jones (208-526-1584), or me (208-526-0109).

Sincerely,

Jerry H. Phillips, Consulting Engineer
Nuclear Regulatory Support Programs

JHP:la

Attachment

cc: B. L. Grenier, NRR/DE, O-9 E3

TRIP REPORT

ASCO

August 24, 2000

On August 24, 2000, personnel from the Mechanical & Civil Engineering Branch (EMEB) and the Electrical and Instrumentation and Controls Branch (EEIB) of the Nuclear Regulatory Commission (NRC) and from the Idaho National Engineering and Environmental Laboratory (INEEL) visited ASCO in Florham Park, NJ. The team included the following personnel:

NRC

David Fischer, EMEB
Gene Imbro, EMEB
Paul Shemanski, EEIB

INEEL

Jerry Phillips, Consulting Engineer
Jerry Edson, Consulting Engineer

The purpose of these visits was to obtain information from nuclear and non-nuclear facilities on how nuclear and nonsafety-related components are handled and to understand the extent to which commercial processes and requirements would provide reasonable assurance that RISC 3 components would function under design-basis conditions.

The NRC/INEEL team held group discussions with the following ASCO personnel:

- Gerard Carty, Product Engineer, Nuclear Products, Valve Engineering Products.
- Richard Matyskiel, Technical Sales Specialist
- George Plechy, Manager, Quality Assurance Engineering
- Edward Fox, Director, Quality
- Stephen Casadevall, Nuclear Products Manager, Valve Engineering Department,

ASCO products discussed were solenoid valves, pressure and temperature switches, and hydraulic valve actuators. ASCO makes components for commercial industry, the nuclear industry and the US Government including the US Navy.

We observed that ASCO produced a very high quality product for nuclear use. The nuclear components and some government components were manufactured in a special area. These components were given additional quality control, tests, inspections, and documentation that was not provided for components for commercial application. In addition, the nuclear components were very different when compared with commercial components.

ASCO personnel were very helpful and willing to answer all our questions. They also volunteered to answer additional questions that may arise in the future.

If there are any questions regarding the content of this trip report, please contact Jerry Phillips (INEEL) at 208-526-0109.