



**John C. Brons**  
Executive Vice President  
Nuclear Generation

July 10 , 1989  
IPN-89-039

U.S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
Mail Station P1-137  
Washington, D.C. 20555

Subject: Indian Point 3 Nuclear Power Plant  
Docket No. 50-286  
Utilization of the Spec 200 Micro  
in the RTD Bypass Elimination Modification

Reference: 1. Letter dated June 7, 1989, from David Ringland  
(Foxboro) to Richard Burrone (NYPA) concerning  
the Spec 200 Micro Software

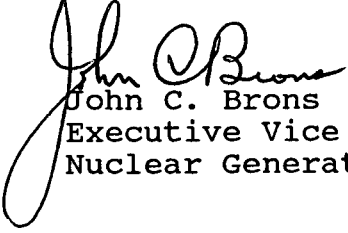
Dear Sir:

The Authority provides the following answers to questions raised in a June 6, 1989, telephone conversation between members of the NRC and Authority staffs. The "RTD Bypass Elimination Modification" utilizes Spec 200 Micro components, manufactured by The Foxboro Company. The gate and calc blocks are the only function blocks used in this application. In addition, the Foxboro Company verified in Reference 1 (attached) that an independent software validation and verification was performed for the Spec 200 Micro components offered for nuclear service.

The Authority also performed an independent review of the Foxboro validation and verification. On January 17, 1989, the Authority's Quality Assurance department issued a surveillance report verifying the adequacy of the Foxboro documentation regarding the Spec 200 Micro hardware components and software functions.

Should you or your staff have any questions regarding this matter, please contact Mr. P. Kokolakis of my staff.

Very truly yours,

  
John C. Brons  
Executive Vice President  
Nuclear Generation

8907140146 890710  
PDR ADOCK 05000286  
P PDC

4 A001  
11

cc: Mr. Joseph D. Neighbors, Senior Project Manager  
Project Directorate I-1  
Division of Reactor Projects - I/II  
U.S. Nuclear Regulatory Commission  
Mail Stop 14B2  
Washington, D.C. 20555

Resident Inspector's Office  
Indian Point Unit 3  
U.S. Nuclear Regulatory Commission  
P.O. Box 337  
Buchanan, NY 10511

U.S. Nuclear Regulatory Commission  
475 Allendale Road  
King of Prussia, PA 19406

**June 7, 1989**

**Reference: SPEC 200 MICRO**

**Gentlemen:**

The Foxboro Company provided a follow-up response concerning this subject resulting from that NRC audit directly to Northeast Utilities. In our response the Foxboro Company stated that it had completed the following:

- This review completed our response to this NRC question regarding all the SPEC 200 MICRO blocks which included the gate block and calc block used at Indian Point 3.

Verification of this review has been documented on a item-by-item basis and filed in the SPEC 200 MICRO Product File.

**FOXBORO**

06/08/1989 10:02 COPY CENTER BLDG. 52

508 548 6677 P.03

Indian Point 3  
June 7, 1989  
Page 2

- Independent code walkthroughs were conducted for the following block types: NONL, SWCH, SSEL, RATIO, RAMP, ACUM and INT. This was also done to complete the "paper trail" as the project development code walkthrough forms for these blocks were misplaced. No code errors found.

These code walkthroughs complete the walkthrough for all blocks offered for nuclear applications.

These walkthroughs constitute an independent review for these blocks.

Code walkthrough documentation is filed in SPEC 200 MICRO Product File.

If you have any questions please contact the undersigned at (508) 549-6333.

Very truly yours,

THE FOXBORO COMPANY



David R. Ringland  
Senior Power Specialist  
Nuclear Sales & Marketing

DRR:lm

**FOXBORO**