

May 29, 1997

Ms. Irene M. Johnson, Acting Manager  
Nuclear Regulatory Services  
Commonwealth Edison Company  
Executive Towers West III  
1400 Opus Place, Suite 500  
Downers Grove, IL 60515

SUBJECT: USE OF ASME CODE, SECTION IX, CODE CASES 2142-1 AND 2143-1, BYRON STATION, UNIT 1, AND BRAIDWOOD STATION, UNIT 1 (TAC NOS. M97495 AND M97496)

Dear Ms. Johnson:

By letter dated December 20, 1996, the Commonwealth Edison Company requested approval under the provisions of 10 CFR 50.55a(a)(3) to use American Society of Mechanical Engineers (ASME) Boiler and Pressure Vessel Code (Code), Section IX, Code Cases 2142-1 and 2143-1 for the Reactor Coolant System for Byron Station, Unit 1, and Braidwood Station, Unit 1.

We have reviewed the request and supporting information and conclude that the use of the subject Code Cases as an alternative to the ASME Code, Section IX, requirements will provide an acceptable level of quality and safety and is authorized pursuant to 10 CFR 50.55a(a)(3)(i). Our Safety Evaluation is enclosed.

Sincerely,

/s/

Robert A. Capra, Director  
Project Directorate III-2  
Division of Reactor Projects - III/IV  
Office of Nuclear Reactor Regulation

Docket Nos. STN 50-454, STN 50-456

Enclosure: Safety Evaluation

cc w/encl: See next page

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DOCUMENT NAME: BRAID-BY\BB97495.SER \*concurrence provided by memo dated 5/15/97, no major changes.

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