

May 16, 2000

Mr. Masao Honjin
Deputy General Manager
Nuclear Power Engineering Dept.
TOKYO ELECTRIC POWER CO.
1-3 Uchisaiwai-cho, 1-Chome, Chiyoda-ku
Tokyo 100 Japan

E-MAIL: t0479451@pmail.tepco.co.jp

Dear Mr. Honjin:

I have learned through Dr. Ken Yoon of Framatome, Inc. that you recently provided the Welding Research Council with an electronic copy of an extensive database on "Fracture Toughness of Nuclear Grade Pressure Vessel Steels," which was assembled by the Thermal and Nuclear Power Engineering Society (TENPES). The NRC is currently involved in a multi-year project to re-evaluate the basis for the Reference Temperature Nil-Ductility Temperature (RT_{NDT})-based screening criteria for pressurized thermal shock expressed in the United States Code of Federal Regulations 10 CFR 50.61. In this effort we intend to factor in the technological advancements that have occurred since the RT_{NDT} -based screening criteria was developed in the mid-1970s. Having access to your database would significantly benefit our organization by increasing the number of fracture toughness observations in our database.

Dr. Yoon indicated that you may be in a position to share the TENPES K_{IR} database with the NRC. I would appreciate your assistance in this regard. We would of course share all of our analysis and findings with you. You could either send it to the NRC directly (by diskette or e-mail), or request that Dr. Yoon provide us with a copy of the database that you supplied to him.

If I can provide any further information, or if there are any confidentiality issues that we need to discuss, please do not hesitate to contact me. I can be reached on 301-415-5678, or by electronic mail: *mem2@nrc.gov*.

Sincerely, **IRA**

by Edwin M. Hackett Acting for/

Michael E. Mayfield, Acting Director
Division of Engineering Technology
Office of Nuclear Regulatory Research

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by Edwin M. Hackett Acting For/
Michael E. Mayfield, Acting Director
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Office of Nuclear Regulatory Research

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