

July 11, 2008

Mr. Maurice T. Magugumela
Chief Executive Officer
National Nuclear Regulator
P.O. Box 7106 Centurion 0046
Republic of South Africa

Dear Mr. Magugumela:

On behalf of the U.S. Nuclear Regulatory Commission (NRC), I am responding to your letter to me dated April 22, 2008, requesting the MELCOR code for the National Nuclear Regulator (NNR) and for Eskom of South Africa.

The NRC would be pleased to provide the MELCOR code to NNR. Our current approach for releasing the MELCOR code is for NNR to join the NRC Cooperative Severe Accident Research Program (CSARP). When NNR becomes a CSARP member, the agreement allows the sharing of the MELCOR code for the purpose of reactor and plant systems safety research and licensing. As you know, NNR was previously a member of CSARP through an implementation agreement carried out under an existing bilateral agreement between NRC and NNR. We would like to invite you to rejoin CSARP, providing NNR access to the expertise of the MELCOR code developer, as well as the experience of users from many countries.

Our staff has already contacted your staff on this issue. I have instructed my staff to draft a new CSARP agreement which will include all terms and conditions for your review. Dr. Brian Sheron, of the Office of Nuclear Regulatory Research, will contact your staff to finalize the agreement. You can contact Dr. Sheron at +1 (301) 415-6641, or by e-mail at Brian.Sheron@nrc.gov.

Sincerely,

/RA/

Dale E. Klein