

NORDBORG Claes, AEN/SCI

From: Masayoshi KAWAI [masayoshi.kawai@kek.jp]
Sent: 16 april 1999 02:00
To: Claes.NORDBORG@oecd.org
Subject: Re: WPEC Subgroup 10

Dear Dr. Claes Nordborg,

I am very sorry to delay a reply and to be absent at the WPEC Meeting at BNL because I am too busy in my work on progressing a joint project between the JHF (Japan Hadron Facility) Project of KEK and the NS (Neutron Science) Project of JAERI using an intense proton accelerator, and on preparing repair of the target/moderator/reflector assembly in our neutron scattering facility.

We had the meeting on 9th and 10th March and discussed on the final report.

At that time, we decided to make a further investigation to find out the origin of the discrepancy between the calculated and measured sample reactivities for weakly absorbing FP nuclides, by studying sensitivities of the reactivities to the adjoint spectra in the STEK cores. Of course, we think that we have obtained the conclusion about calculation method for direct inelastic scattering cross sections: the optical model parameters are the most important to obtain reasonable inelastic scattering cross sections but the DWBA method is applicable to calculation of inelastic cross sections of FP nuclides. But, I would like to noted that we have not reach any conclusion about the 'true' reasons of the reactivity discrepancy which Gruppelaar pointed out and which have let us start the activity of SG10. We notice the systematic difference of C/E between the pure metal and the oxide samples. The sensitivity study will be optimistically finalized till July. Accordingly, we would like to continue the activity of the SG10 within this half year. Thank you.

Sincerely yours,

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At 2:09 PM +0100 99.2.8, Claes.NORDBORG@oecd.org wrote:

> Dear Dr. Kawai,
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> At the end of October last year I asked you for some news about the
> publication of the final report of subgroup 10. You then answered that you
> would need a couple of months more to finalise the document. As the next
> meeting of the Working Party on International Evaluation Co-operation
>(WPEC)
> will be held already in April this year, I would be grateful if we could
> have your final report ready before that meeting. I know that you have
>been
> waiting for additional information from other people, but this time I
> suggest that you try to finish the report with the information you have
> today, considering that the subgroup was set up quite some time ago.
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> Looking forward to hearing from you soon.
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> Best regards,
> Claes Nordborg
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