## From the desk of -DOROTHY NICKERSON

fred Billmega -

Send hum cots of 5/4/82 note to Hung Humadiger enclosing cots of the - 622/23 of the 1940 JOSA harbore comments

Clear scots of attached lever for anders Hord 4/26

lo-e-

## Färginstitutet

SKANDINAVISKA FÄRGINSTITUTET AB • SCANDINAVIAN COLOUR INSTITUTE

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April 26, 1982

AH/McD

Miss Dorothy Nickerson 4800 Fillmore Ave Apt 450 ALEXANDRIA VA 22311 USA

Dear Dorothy,

Thank you for your letter of March 1, and for your appreciating remarks. Unfortunately I was not aware of your first letter as at the time for its arrival the Color Institute I was out of work with a broken arm. Therefore the whole business was handled in a less personal way than I would have hoped.

As a matter of fact I am no longer directly involved with the commercial part of the NCS-business but concentrate on research and consulting. But of course I am very interested in how my "baby" the NCS-system and its products develop.

Under separate cover I send you the CIE-data for the samples in the NCS-atlas. It contains all data for the samples in the atlas and those we would have liked to have had if they could have been produced. For each color the first line give the NOMINAL CIE-values and the second line the CIE-values and calculated NCS notations for the color-control in production. Thus you can see not only the deviation in CIE-terms but also in NCS. Generally we have tried to keep within tolerances of  $\frac{1}{2}$  NCS-units from NOMINAL (for hue the unit is found by multiplying by  $\frac{C}{100}$ ).

For the "border"-colors we have accepted far larger tolerances in order to include the "best" colors possible to produce.

The tables are copies of my own manuscript for the standard which is not ready yet. In future will also be available micro-fiche cards with NOMINAL CIE-values for every 5 steps in all the three attributes blackness s, chromaticness c and hue  $\phi$ , totally 16800 colors.

I also include the last NCS product called the NCS color index. I hope you will find it interesting and will accept that together with the tables as a gift from one friend in color to another.

I do hope that you live happy and wish you all good.

Yours very sincerely

Anders Hård