



List of selected publications from Risø's Health Physics Department 1957 - 1989

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**List of Selected Publications
from Risø's Health Physics
Department 1957-1989**

Compiled by Frits Heikel Vinther

**Risø National Laboratory, Roskilde, Denmark
January 1991**

Risø-M-2914

List of Selected Publications
from Risø's Health Physics Department
1957-1989

compiled by Frits Heikel Vinther

Dedicated to Henry Lund Gjørup on his Seventieth Birthday

Abstract. This list includes scientific and technical papers written by staff members of the former Health Physics Department of Risø National Laboratory.

The first part includes papers in periodicals, proceedings etc. in order of chronology. The second and third part include Risø-R and Risø-M reports, respectively, arranged according to report numbers.

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Henry Lund Gjørup

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PREFACE

In 1956 H.L. Gjørup was appointed head of the Health Physics Department at The Danish Atomic Energy Commission, Research Establishment Risø. One of the first health physics duties was a preoperational monitoring of the background radiation at the Risø site. This task was followed by many others - national as well as international. e.g.

- The visit of the US nuclear merchant ship N/S Savannah in Copenhagen in 1964
- The nuclear weapons accident at Thule, Greenland in 1968
- The risk assessment calculations on the Swedish Barsebäck power plant in the late seventieths
- The reactor accident at Chernobyl, Ukraine in 1986

As a scientific discipline dealing with the interaction between radioactivity, man and environment, Health Physics has generally been very appealing to the interest of the public. H.L. Gjørup and his co-workers have throughout the years contributed with numerous articles, letters to the editor and interviews in the mass medias in order to inform about the effects of ionizing radiation and radioactive contamination.

On the occasion of the seventieth birthday of H.L. Gjørup, his former co-workers want to express their appreciation of more than 30 years leadership, inspiration and interest. The present bibliography comprises the scientific production of the Health Physics Department during its entire period of existence, which came to an end in 1990.

The bibliography is gratefully dedicated to Henry Lund Gjørup by his former colleagues at Risø.

On behalf of the colleagues

Asker Aarkrog

"Ni, skriver ! Karle der herne"
Vielgeschrey i den Stundesløse
Actus I. Scen. 4

FORORD

I 1956 påbegyndte H.L. Gjørup opbygningen af Helsefysisk afdeling ved Atomenergikommissionens Forsøgsanlæg, Risø. Det helsefysiske forskningsarbejde kom hurtigt igang. Den første opgave blev at kortlægge baggrundsstrålingen omkring Risø. Senere blev afdelingen involveret i mange opgaver, som ofte havde samfundets store bevågenhed. Det er forståeligt, når man tager i betragtning, at helsefysik er et fag, der knytter teknik, menneske og miljø sammen. Tilbage i halvtredserne var der vel ikke den helt store interesse for miljøet, men man var bekymret over de sundhedsmæssige virkninger, den ioniserende stråling kunne have.

Helsefysisk afdeling blev gennem sin mere end 30 årige eksistens under H.L. Gjørups ledelse en meget væsentlig del af Risøs ansigt udadtil. Afdelingens leder og medarbejdere har således gennem årene bidraget med mangfoldige avisartikler, læserbreve og interviews i vore massemedier.

I anledning af H.L. Gjørups 70 års dag vil den tidligere helsefysikafdelings medarbejdere sige ham tak for mange års ledelse og inspiration. Det sker med denne bibliografi over afdelingens videnskabelige produktion. H.L. Gjørup er ingen Vielgeschrey - tværtimod. Under Gjørups lange virke som leder af Risøs helsefysiske afdeling var det indholdet, der kom først. Rammerne, udenomsværkerne kom i anden række. I dag, hvor helsefysisk afdeling ikke mere eksisterer, er den væsentlige del af indholdet trods alt bevaret. En del af dette findes i den forliggende bibliografi, som dedicerer til Henry Lund Gjørup.

På medarbejdernes vegne

Asker Aarkrog

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