

these values are exceptionally high but correspond with those obtained in September in other locations. Belgium reported levels of 16 mc/km² on the 3d and 11th of September and above 5 on the 9th, 12th, and 28th. Our results are below 5. The Norwegian peak on September 12th was about 100 mc/km². This activity is obviously from USSR tests in late August and is heightened over the Belgian and US results by the position of Norway. From their rainfall data the above peak would give 2.5 μ mc/cc. This is 30 times the population permissible level if it were all Sr⁹⁰, about equal for I¹³¹ and about half for Sr⁸⁹. The same considerations apply as in our previous discussions.

I am sorry this answer was delayed by my being away from the office so much, and I hope the answer is satisfactory.

Enclosure:

1. Foreign Service Despatch from Norway #226

DEPARTMENT OF ENERGY DECLASSIFICATION REVIEW	
SINGLE REVIEW AUTHORIZED BY: <i>AA Sinisgalli 3/31/94</i>	DETERMINATION (ORIGIN NUMBER(S)) 1. CLASSIFICATION RETAINED 2. CLASSIFICATION CHANGED TO: 3. CONTAINS NO DOE-CLASSIFIED INFO 4. COORDINATE WITH: <i>ERIE</i>
REVIEWER (ADD): <i>KSD</i>	5. CLASSIFICATION CANCELLED 6. CLASSIFIED INFO BRACKETED
NAME: <i>4/5/94</i>	
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DOE memo 9404257, 3/8/96

MEDICINE HEALTH & SAFETY 3-8

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FOREIGN SERVICE DESPATCH

AMEMBASSY, OSLO

226
DESP. NO.

COPY NO. -2 SERIES B

THE DEPARTMENT OF STATE, WASHINGTON.

September 28, 1956
DATE

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SUBJECT: Recent radioactivity measurements in Norway.

In response to the Embassy's inquiry (prompted by recent press stories), Dr. Terleb HVINDEN, head of the Physics Division of the Norwegian Defense Research Institute, today gave the Embassy the enclosed record of radioactive fallout measurements made in Norway during July, August and September. Dr. Hvinden said that the peaks shown are the highest ever recorded here. He supposes that they resulted from the Soviet tests made in late August and early September (August 24 and 30 and September 2 and 9 or 10, plus any others not announced). The Institute classified the enclosure "secret".

Dr. Hvinden stated that he would appreciate, as quickly as possible, the comments of the AEC (Drs. Dunham and Harley) on the significance of the data indicated on the attached diagram, with particular reference to the I 131 and the Sr 89 aspects.

He added that the polyethylen pot method, not "sticky paper", was used to obtain these data.

Referring to a Nationen (Agrarian) story of September 20 to the effect that "sensational" evidence of increased radioactivity in Svalbard (Spitsbergen) had been discovered, Dr. Hvinden said that the press story was nonsense and that nothing remarkable had been found on analyzing snow and ice samples brought back recently by the Norwegian Polar Institute expedition as a routine matter. He added that Dr. ~~MOLLER~~ MOLLER, head of the Defense Research Institute, was, however, quite annoyed with Nationen, for political reasons, for linking the names of Svalbard and his Institute (despite the fact that no one from his Institute had gone to Svalbard).

For the Ambassador:

Hayden Raynor

Hayden Raynor
Counselor of Embassy

ASSISTANT TO THE SECRETARY

WS Anderson:zad

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