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December 4, 1970

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## COMMON MARKET PLANS RADIO-ECOLOGY SYMPOSIUM

SEPTEMBER 14-17, 1971, IN ROME

WASHINGTON, D.C., December 4 -- The European Communities Commission, in cooperation with the Comitato Nazionale d'Energia Nucleare, Rome, Italy, is organizing a symposium on "Radio-ecology Applied to the Protection of Man and his Environment," to be held in Rome, September 14-17, 1971.

Radio-ecology is the study of the relationship between all aspects of nuclear energy and the environment. The symposium's aim is to determine to what extent the present knowledge of radio-ecology can be used for the protection of man and his environment, so as to orient future research and improve the organization and efficiency of the fight against pollution. The symposium is for health physicists, radio-ecologists, and all those confronted by practical radio-ecology problems relating to the protection of man and his environment.

The methods for studying and monitoring radioactive hazards may be regarded as models for other problems relating to protecting man and his environment, and the symposium will stress this aspect of the problem by examining a number of specific cases. The following topics

are being considered:

- o transfer to man of radionuclides released to the environment (transfer pathways factors) in various ecological situations
- o elaboration of the concept of radiological capacity limit of a receiving medium
- o the use of forecasting models, systems analysis
- o the contribution made by radio-ecology towards the establishment of discharge formulas and to the application modalities.
- o the application of radio-ecology to problems relating to monitoring in the vicinity of nuclear installations
- o the application of health physics methodology to problems relating to non-radioactive pollution
- o problems raised by brief releases
- o future lines of radio-ecological research.

Papers may be submitted in either French or English; simultaneous translation will be provided in these two languages at the symposium. Participants wishing to submit a paper are requested to send the title and two copies of a summary not exceeding 200 words (in French or English) to the secretariat of the symposium not later than April 1, 1971. Only papers dealing with applied radio-ecology will be considered. There are no registration fees for the symposium.

Registrants may apply to the Secretariat of the Symposium, Direction "Protection Sanitaire," Commission of the European Communities, 29 rue Aldringer, Luxembourg (Grand Duchy).

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