There are indications, not fully proven yet, that an increasing relative incidence of lymphoma (a leukemia-like disease) in cattle and swine correlates well with fallout.3 This is for large populations where other factors are reasonably well known and controlled.

I certainly agree that many decisions affecting radiation exposure will be made involving political and socio-economic factors rather than on the basis of scientific information alone. But let us at least be aware of all the scientific information which is available when getting a perspective.

R. D. Barer, P.Eng. Victoria, B. C.

## References

- "Man's Responsibility to His Genetic Heritage" by M. Wester-gaard, Bulletin of the Atomic Scientists, vol. 11, no. 9, Nov. 1955,
- p. 318-328, 352.

  2. US Congressional Hearings on "Fallout from Nuclear Weapons Tests," May 1959, vol. 2, p. 1118.

  3. Nuclear Information, October 1960, 6504 Delmar Blvd., St. Louis,

## Information Tools

With reference to the article Waiting For Mr. Know-It-All (Physics Today, February 1962), page 23 contains a reference to an undesignated article entitled "Theories of Nuclear Moments", which was allegedly either not abstracted in Physics Abstracts or so badly indexed as to be beyond location by normal means. Would you kindly ask the authors to provide the exact reference of this article so that an investigation may be made?

It is possible that the article in question is Theories of Nuclear Moments by R. J. Blin-Stoyle (Rev. Mod. Phys., Vol. 28, No. 1, 75-101, Jan. 1956). This particular article was abstracted in Physics Abstracts as Abstract 624 of 1957. The author's name appears correctly in the author index. The subject index contains entries under (a) "Nucleus/electric moment" and (b) "Nucleus/magnetic moments". If this is, indeed, the article referred to, the authors' statement is untrue and their comment, to say the least, irre-

On page 26 of the same article, in "Tool 5", the authors advocate that abstracting journals should reproduce photographically the abstracts of forthcoming articles distributed with Physical Review Letters, in the interests of prompter publication. I should like to ask the authors what they propose to do about volume number, issue number, pages and date, information invariably provided with the abstracts in Physics Abstracts and any other abstracting journal, These details are not, and cannot be, supplied with the abstracts in Physical Review Letters. The earliest form in which they can be reliably supplied is the page proof of The Physical Review, and this is the form used by Physics Abstracts in preparing its abstracts, not only for The Physical Review but for all the leading physics journals.

H. Jenkins Physics Abstracts, London

## COMPANY-SPONSORED RESEARCH:



## SENIOR SCIENTISTS and RESEARCH ENGINEERS:

Immediate openings exist in the General Dynamics Astronautics Electronics Research Laboratories.

A large company-sponsored program in thin film and solid state research for applications to Microminiaturization, Solar Energy Conversion, and Magnetic Computer Components is in progress. Included are: (1) studies of the kinetics and structures of films using advanced electron microscope techniques; (2) epitaxy studies using pyrolytic vapor decomposition and ultra-high vacuum deposition of thin film semiconductor crystals; (3) research for thin film passive and active components and circuits, prepared by vacuum deposition, sputtering, anodization and chemical etching; (4) techniques for accurately monitoring and controlling the fabrication conditions and film characteristics for thin film microcircuits; (5) development of ultra-microetching techniques using shaped electron beams, cathodolytic decomposition of organic gases and films, and ion bombardment; (6) development of techniques for fabricating large area thin film solar cells by vacuum deposition.

If you are interested and have experience in these tasks and are trained in solid state physics, metallurgy and ceramics, physical chemistry or electronics, inquire now. Advanced degrees preferred but not necessary if talent and experience in these areas are indicated.

Please write Mr. R. M. Smith, Chief of Professional Placement and Personnel, Dept. 130-90.



5760 Kearny Villa Road, San Diego, California AN EQUAL OPPORTUNITY EMPLOYER