in slab geometry. WAPD-TM-134 (March 1959).

R. M. Cantwell, M0150—A Fortran program to solve the double $P$-3 equations in slab geometry. WAPD-TM-315 (April 1962).

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EQUIPOISE-3-A

1. Name of code: EQUIPOISE-3-A
2. Computer for which code is designed: IBM-7090
   Programming system: FORTRAN
3. Nature of problem solved: EQUIPOISE-3-A is a slightly revised version of EQUIPOISE-3
   (See abstract, *Nuclear Sci. and Eng.* **13,** 63 (1962)).
   The differences between EQUIPOISE-3 and 3-A are:
   a. In addition to the standard EQUIPOISE-3 output, a picture is printed of the arrangement of materials in the reactor. This picture is similar to that produced by PDQ with the additional feature that should the material arrangement be in error, points in the mesh which are not covered by a material are indicated in the picture by an asterisk.
   b. If the adjoint option is used, EQUIPOISE-3-A provides as additional output the prompt neutron lifetime and a list giving the reactivity per unit change in each group constant in each region of the reactor.
4. Restrictions: Same as for EQUIPOISE-3 with the exception that if the number of different materials in the reactor exceeds 35 no picture will be printed.
5. Typical running time: Same as for EQUIPOISE-3.
6. Present status: In use, available.
7. *References:*
1. T. B. Fowler and M. L. Tobias, EQUIPOISE-3: A two-dimensional, two-group neutron diffusion code for the IBM-7090 computer. ORNL-3199 (December 1959).
2. C. W. Nestor, Jr., EQUIPOISE-3-A, ORNL-3199, Addendum (June 1962).

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*Operated by Union Carbide Corp. for the U.S.A.E.C.

# Note

Volume **14,** No. 2, in the Letter to the Editor entitled "Two Regimes of Burnout (DNB) Correlated with Steam Energy Flow for Uniformly-Heated Channels," by William J. Levedahl, pp. 201–203, the work outlined was performed at the General Nuclear Engineering Corporation, Dunedin, Florida, under contract with the East Central Nuclear Group.