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 AUTH. NAME: AUTHOR AFFILIATION
 WOODS, T.G. Arizona Public Service Co. *m/A*
 RECIP. NAME: RECIPIENT AFFILIATION
 DENTON, H.R. Office of Nuclear Reactor Regulation, Director *4*

SUBJECT: Requests review of RETRAN computer code developed under sponsorship of EPRI. Util will use RETRAN for analysis of reactor transients. Development of RETRAN for analysis of scheduled to begin in early 1981.

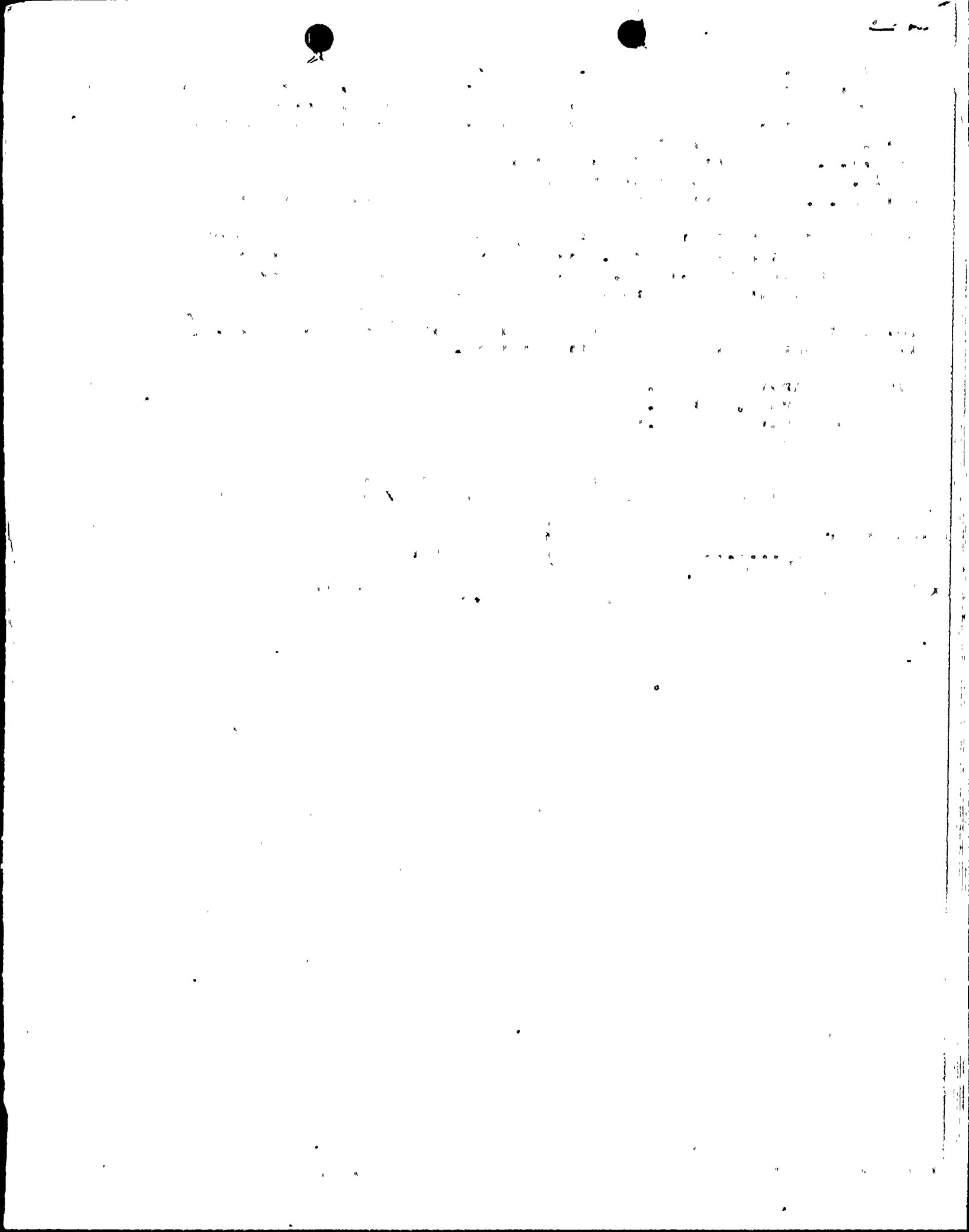
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T. G. WOODS, JR.
EXECUTIVE VICE PRESIDENT

November 10, 1980

US NRC
DISTRIBUTION SERVICES
BRANCH

Dr. Harold R. Denton, Director
Office of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Dear Dr. Denton:

Arizona Public Service Company (APS) anticipates the development of a transient and safety analysis capability. The RETRAN computer code, which is being developed under the sponsorship of the Electric Power Research Institute (EPRI), is considered a major part of this development. APS is a member of the Utility Group for Regulatory Application which is requesting a timely generic review of RETRAN by the NRC and issuance of a Safety Evaluation Report. This generic review was requested in a letter to you dated October 22, 1979, from Stanley Ragone, President of Virginia Electric and Power Company. As a member of this group, APS is committed to paying an equal share of the NRC cost to support the review.

APS plans to use RETRAN for analysis of reactor transients, to perform plant-specific best estimate analyses to supplement vendor generic analyses, to evaluate and support plant operations, to support start-up testing of Palo Verde Nuclear Generating Station, and to support operator training programs. The development of the RETRAN capability is currently anticipated to begin in early 1981 at APS.

Should you have any questions concerning these plans, we would be pleased to discuss them with you.

Very truly yours,

TGW,JR:GCA:mc

cc: E. E. Van Brunt, Jr.
G. Carl Andognini
F. W. Hartley

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