

PROJECT MAC

February 1, 1973

Computer Systems Research Division

Request for Comments No. 3

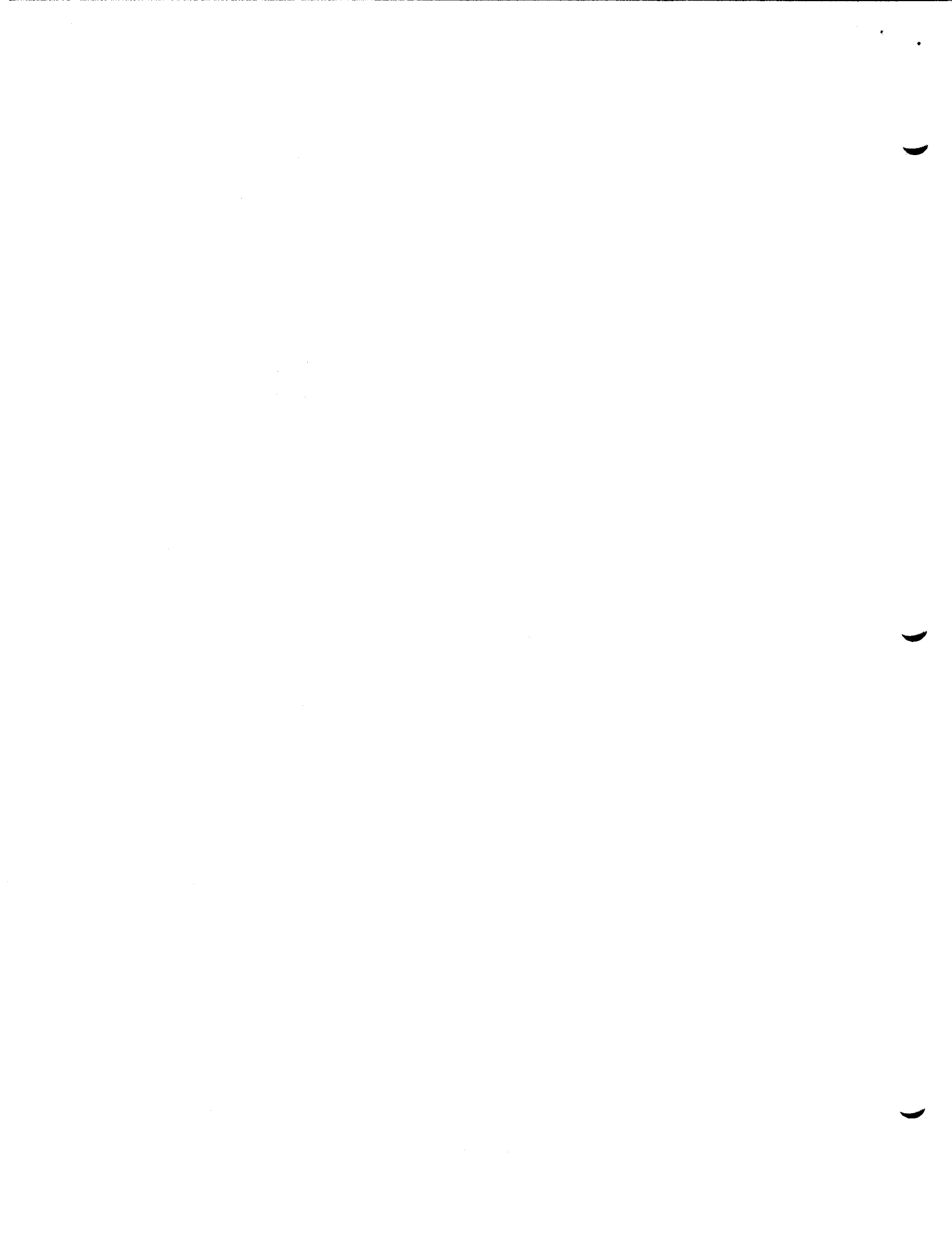
BIBLIOGRAPHIES ON SELECTED SYSTEMS

by J. H. Saltzer and M. D. Schroeder

Attached are bibliographies listing all the publications we know of on three different families of computer systems. The Plessey System 250 is quite new and contains several interesting ideas.

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A BIBLIOGRAPHY ON OPERATING SYSTEMS WORK AT THE UNIVERSITY OF CALIFORNIA  
AT BERKELEY

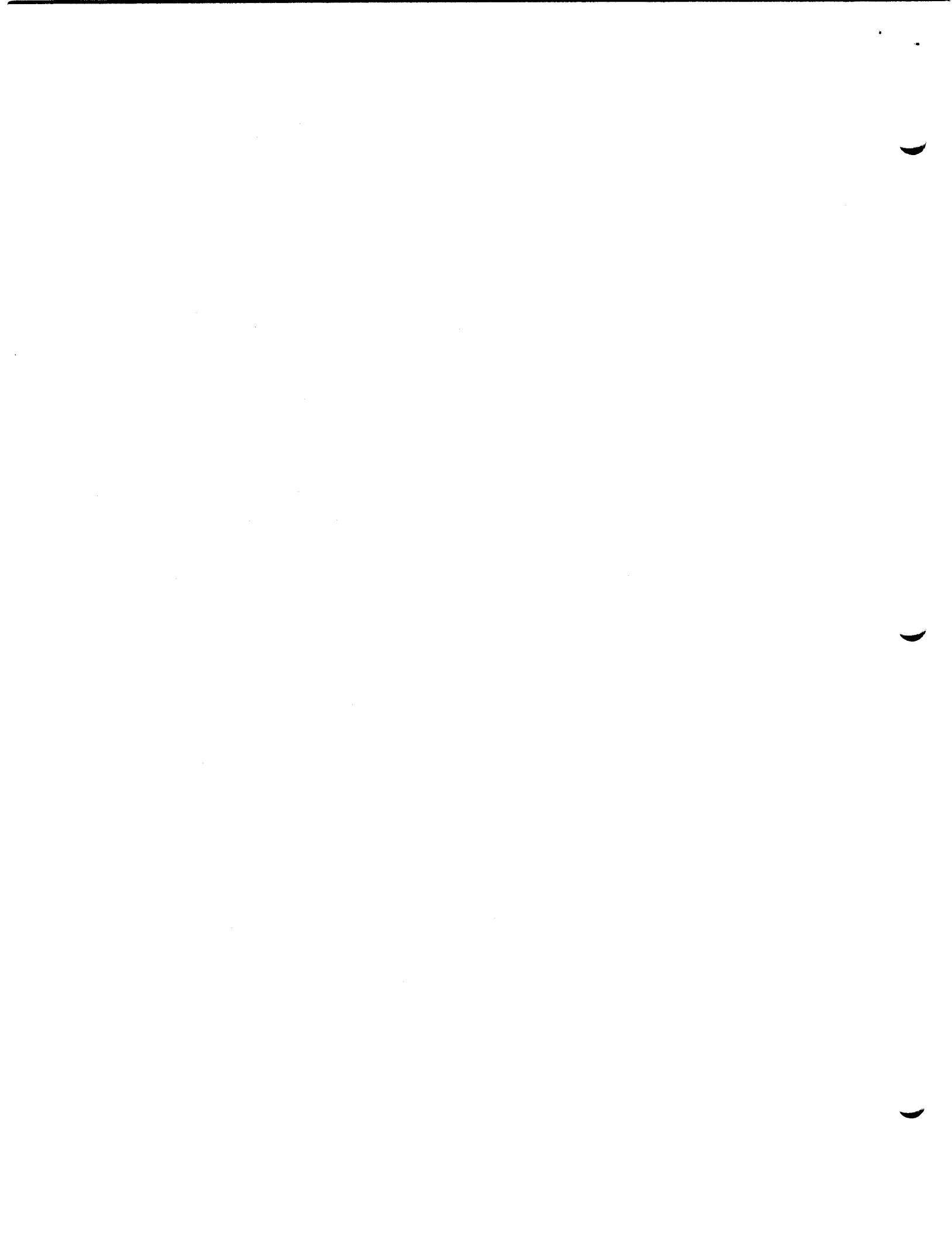
BY J. H. Saltzer

October 20, 1972

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- \*Lampson, B.W., "An Overview of the CAL Time-Sharing System," Computer Center, University of California, Berkeley (September 5, 1969).
- \*Lampson, B.W., "Protection," Proc. 5th Princeton Conf. on Information Sciences and Systems, (March, 1971), pp. 437-443.
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\* I have a copy of this on file for reference.



A BIBLIOGRAPHY ON THE BURROUGHS B5000 FAMILY OF COMPUTERS

by J. H. Saltzer

December 6, 1972

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- \*A Narrative Description of the Burroughs B5500 Master Control Program, Burroughs Corporation, Detroit, Michigan, October, 1969.
- \*Burroughs B6500 Information Processing Systems Reference Manual, Burroughs Corporation, Business Machines Group, Sales Technical Services, Systems Documentation, Detroit, Michigan, 1969.
- \*Burroughs B6700 System Miscellanea, Burroughs Corporation, April 19, 1972, changed October 2, 1972, document number 5000367.
- \*Burroughs B6700 Master Control Program Information Manual, November, 1970, document number 5000086.
- \*Burroughs B1700 Systems Reference Manual, Burroughs Corporation, Detroit, Michigan, April, 1972, document number 1057155.

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\* I have a copy of this on file for reference.

A BIBLIOGRAPHY OF PAPER ON THE PLESSEY SYSTEM 250

By M. D. SCHROEDER

February 1, 1973

The Plessey System 250 is a multi-processor, multi-storage module, general purpose computer system that is specifically adapted to the processing and reliability requirements of real-time application such as telephone switching, message switching, and radar control. Reliability is achieved in part from a capability oriented addressing structure which prevents errors in one part of the hardware/software system from affecting the correct operation of other parts. There now are available enough papers on this system to develop a fairly good understanding of its design objectives and the implementation techniques used to achieve them. These papers are listed below.

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9. Repton, D.J., "Reliability Assurance for System 250. A Reliable, Real-Time Control System," International Conference on Computer Communication, Washington, D.C., October, 1972.

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I have a copy of all these papers on file for reference.