October 28, 1959

MEMORANDUM TO: Mr. W. S. Schaffer

SUBJECT:

R&S Item S-34

Please examine the enclosed R&S Item S-34 and evaluate its' merit and application

J. A. Harvilchuck

Department 280 R&S Liaison

mr. P. Farbanish Mr. J. J. Ingram Mr. F. O. Underwood

RELIABILITY & SERVICEA ... ITY PROGRAM REVIEW

		Date Receive	d 10/26	/59	
		Date Typed _	10/25	/59	
roject	1401	Item	S-34 -	Page 1	
ate Transmitt	ed 10/26/59	Approved By	н. и.	Morrow	
rea Affected	Recommendations and/or Comments		Name ?	Date 1	Code
stater on the stop of the stop	If the 1001 process unit stops running a detected error, the content of the data registers should retain useful information the data of the corust fine following passes of the six data-flow checks seems an error menime stop. 1. Bragister Checkt A B Register check thould be gated by pulse that is early enough in the cycle to make the country of the content of the	uid retain useful information to locate the cervor. The following paragraphs of any tar-flow checks sense an error and summe a er Check! ater check thould be gated by a clock early enough in the cycle to cause a normal tool. The faulty character will then ap-		0/26/59	-
	This requirement is not by the Helense the Not by asting the school of coincidently wis control Process turn off. 2. A register Check: As A Register check should be made at retain the character in the 3 register that moved to the A register, since if there is not the Address Register, since if there is not the record, the memory character is not to in the record of the memory character is not to in the second of the record of the	time to has been y to refer			

LIABILITY & SERVICEA CITY PROGRAM REVIEW

			Date Received	10/20,	. 23	
	1401		Date Typed	10/26/59		-
Project			Item	S-34 - Page-2 H. W. Morrow		
Date Transmitte	d_10/26/59	1	Approved By			
Area Affected	Recommendations	and or Commen	ts	Name >	Date	Code
	. The Release Model make clock time 75-90. The Conti time 50-75. The error stop following cycle with a char is not related to the error	rol Process to will, therefore actor in the l	urn-off, is ore, occur the	. 3		
	The original character from memory by first menual then adding the number one a the Address switches; then plier to cause an error sto, trol Frocess latch later th and retain the conditions of	ly calling out and setting the displaying. that turns on the normal	the A-MAR; is address in It is far sim- off the Con-			
	3. Inhibit Channel Check:					
	An Inhibit parity error during the units portion of late to keep the invalid che memory. This check is gate lease model and it cannot be ing pulse could be an earlicides exactly with the Addrivate and could not reliably content. The A and B regist and their retention, sie-simm	the core meminacter from a by time 75-3 expected the rone. This ass Register block an addithe only use the only use	ory cycle too coing into 00 on the Re- it the clock- time coin- eset and set wess change.			
	The reset and set of the take place until the next of latch can be turned off late a more effective visual dis	ne data regist	trol Process			p-

RELIABILITY & SERVICE TY PROGRAM REVIEW

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Project	1401	Item	S-34	- Page	3	
Date Transmitte	ed_10/26/59	Approved By	н. м.	Morrow		
Area Affected	Recommendations and/or Commenta Adder Diput Theck! Adder Diput Theck! Adder Diput Theck Adder Diput The Address Address	Id off un- r delsy, e referred is stored wing the progree- diverting ing the er contents t channel	Name :	Date**	Code	