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CONTROL SYSTEM~~(S)~~ NATIONAL RECONNAISSANCE OFFICE
WASHINGTON, D.C.

OFFICE OF THE DIRECTOR

MEMORANDUM FOR THE RECORD

SUBJECT: Read Out Discussions with ITEK

On May 8, 1969 I asked Messrs. W. Levinson and J. Wolf of ITEK to give me their thoughts on real time systems and solid state arrays. Mr. Levinson stated that they were working as contractors on the optics for the CBS system and for the MOS array. He pointed out that the solid state arrays cannot have the high packaging density of photo film so that the optics have to be at least twice the diameter when arrays are used compared to photo film. Mr. Levinson felt that he was not convinced a long life read out system is economical. We described the rationale for a read out system pointing out the increasing expenses of the photo system and the resulting pressure to come up with systems having long life in orbit. Mr. Levinson felt that general coverage in real time is impractical although a coarse-fine system might make some sense. He felt that the H system was being built to insane requirements because it would build up an automatic log jam in interpretation. Colonel Allen suggested that perhaps ITEK was not willing to make judgments because they had been hurt once by an interagency problem. I suggested they make an "Eyes Only" requirement to me. Mr. Levinson revealed that he is not now involved in ITEK's business with the Government and that he could make recommendations as an individual. He did not mean to be uncooperative but pointed out there was a danger. He also said he would talk to his people and see what contributions they could make.

McL
John L. McLucas

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