

# Polygraph Tests Unreliable, Pentagon Doctor Tells Brass

**DETECTORS, From A1**  
to Weinberger warning that wide use of polygraphs within the Pentagon could be "a public relations disaster." Catto said the Beary memo "adds a technical rationale to my own public affairs perspective."

Beary, after having a physiologist on his staff, Jerome Bricker, make a preliminary review of the literature made these claims in his memo to Weinberger entitled, "Scientific Limitations of the Polygraph."

• "No machine can detect a lie. The machine can only detect stress, however, the stress may result from several emotional causes other than guilt, such as fear, surprise or anger."

• "Even setting aside the argument that the theory is flawed, there are accuracy problems. We have only been able to locate two scientifically acceptable studies so far. In one, the polygraph accuracy is 62 percent. In the other the accuracy is 72 percent."

• "The polygraph misclassifies innocent people as liars. In one study, 49 percent of truthful subjects were scored as deceptive. In another study, 55 percent of the innocent were misclassified."

Beary closed his memo to Weinberger by stating: "I regret I have no alternatives to propose to solve the serious problem of security leaks, but I feel it is important for you to be informed of the serious scientific concerns about the theory of and the accuracy of the polygraph technique."

An aide to Beary, in confirming the authenticity of the memo, said

the health affairs director "felt it was his duty as the senior adviser" in the health field to apprise Weinberger of his own views on polygraphs as well as those of experts in the field. The Beary memo was dated Dec. 16, 1982, when it was a classified document. It was declassified March 15.

Catto said yesterday that Weinberger "hasn't focused on" the polygraph issue yet, and that the Pentagon's general counsel, William H. Taft IV, is overseeing the matter at the moment.

The Reagan directive goes beyond the one now in force at the Pentagon by ordering departments to draft regulations that would enable them to require polygraph tests and punish employees who refused to submit to them.

Taft, when asked his view of lie detector tests, said of the polygraph: "If you use it with its limitations in mind, you can get some benefit from it. It can clear people," he said, and indicate "people behaving badly that you had no suspicion of."

The Pentagon last year launched an investigation in a vain effort to find who disclosed to The Washington Post the finding in an internal Defense Department report that it would cost \$750 billion more over five years than Reagan had budgeted to buy the forces the military said it would need to carry out his policies.

The Pentagon notified a Pentagon official who had flunked three polygraph tests during that investigation that he was to be removed from his job, but he eventually was cleared despite the polygraph results.

# House Committee Votes to Cut Off Federal Funding for Clinch River

**United Press International**  
A measure to eliminate federal funding for the Clinch River Breeder Reactor was approved yesterday by a House committee, hinging the project's future on administration efforts to arrange private financing.

The House Science and Technology Committee voted 24 to 16 for an amendment introduced by Rep. George E. Brown Jr. (D-Calif.) that would stop federal funding for the Clinch River Breeder Reactor project at the end of 1983.

department provided tax incentives and ensured a market for the power. Brown said his amendment was not intended to kill the breeder.

"I'm willing to go ahead with the project if suitable cost sharing is achieved," Brown said.

The House last year eliminated funding for the reactor to make more nuclear fuel than it uses, only to have it restored in a congressional conference committee after it prevailed in the Senate by one vote.

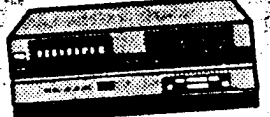
# EROL' VIDEO SALE

Every RCA, Zenith And Sony Video Recorder Camera In Stock Is On Sale!

WE GUARANTEE OUR PRICES IF YOU CAN BUY THE SAME MODEL YOU PURCHASED FROM FOR LESS WITHIN 30 DAYS, EROL WILL PAY YOU THE DIFFERENCE.



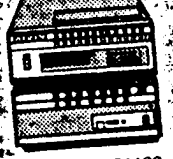
**\$529**  
VC1600 - ZENITH Portable Color Video Camera. 6:1 Power Zoom Lens with Macro Focus. Built-in Electret condenser microphone. Automatic record/Review. Remote-control. 1983 Model. On display at Arlington, Marlow Hgts. & Beltsville.



**\$499**  
VR8910 - ZENITH Front Loading Beta Video Cassette recorder with 5-function REMOTE CONTROL. 5-hr. recording time. 1983 Model.



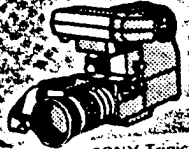
**\$399**  
CC009 - RCA Portable Color Video Camera. Electronic Viewfinder. Zoom lens w/ Automatic Iris. Low Power Consumption and a built-in Microphone. 1983 Model.



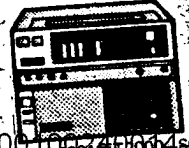
**\$669**  
VGP150/TGP1100 - RCA SelectaVision Video Recorder. 8 hour recording time. REMOTE CONTROL. Tuner/timer with 24-hr. programmer. 1983 Model.



**\$599**  
HVC2200 - SONY Portable Color Video Camera. F1.4, 6:1 ratio power zoom lens with macro focusing. Electret condenser microphone. 1983 Model.



**\$699**  
HVC2400 - SONY Trinitron Portable Color Video Camera. f1.4 6-to-1 ratio power zoom lens with macro focusing. 1983 Model.



**\$719**

