



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

JAN 23 1978

MEMORANDUM FOR: L. J. Evans, Chief
Requirements and Technology Branch
Division of Safeguards

FROM: G. W. McCorkle, Chief
Physical Security Licensing Branch
Division of Safeguards

SUBJECT: UPGRADE RULE TRANSPORT PROTECTION REQUIREMENTS

We have reviewed Nulsen's memorandum of January 17, 1978 and the cited Sandia Report.

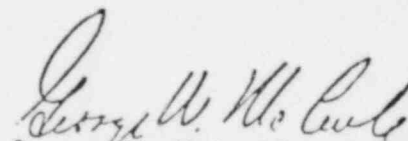
The report is deficient in that it does not consider the possible actions that might be taken by an insider in collusion with an adversary force. These could range from passing information concerning the security plan to violent assaults against the other escorts. (Note that these are very important considerations in the development of fixed site protection requirements.) If the armored escort were to be neutralized by the insider, the transporter and unarmored escort vehicle (an unarmored vehicle has little defensive capability in a fire fight) might not be able to delay the adversary force until help arrived. Therefore, we believe that both escort vehicles must be hardened.

Costs, availability of funds and manpower limitations as you mention in your memo should not drive the requirements; the requirements should be established on the basis of what is needed to counter the threat. If the requirements absolutely cannot be met then the Commission has to decide what course to follow.

In comparing the NRC and DOE systems, due credit must be given to the penetration resistance of the SST and to the superiority of the SECOM II communications. The RAB recommended system in attachment 2 is not equivalent to the planned DOE system.

However, consistent with our present policy of requiring less escorts during daylight hours, we believe that we could change the requirement to 7 during daylight and 9 for night travel and still have high assurance protection.

With respect to transfer points, we still believe that 9 escorts are essential, day or night.


George W. McCorkle, Chief
Physical Security Licensing Branch
Division of Safeguards

Attachments:
As stated

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