

December 05, 1996

MEMORANDUM TO: James C. Stewart  
Senior Electrical Engineer  
Instrumentation and Control  
Systems Branch  
Office of Nuclear Reactor  
Regulation

FROM: Michael J. Bell, Chief (Original Signed By)  
Engineering and Geosciences Branch  
Office of Nuclear Material Safety  
and Safeguards

SUBJECT: REVIEW OF INTERNATIONAL ELECTROTECHNICAL COMMISSION STANDARD

We reviewed the following document, "Geophysical Bore-hole Instrumentation to Determine Rock Density," and found it to be adequate and can be used as a standard.

We would suggest that the sampling rate and the resolution of the measurements be included under Clause 13, "Characteristics to be specified in the operation and maintenance documentation or certificate of the equipment." Also, the reference, International Electrotechnical Commission 692, "Density meters utilizing ionizing radiation, Definition and test methods," should be included under Clause 3, "Normative references."

If you have any questions, please contact Dr. A. Ibrahim of my staff at 415-6651.

CONTACT: A. Ibrahim, ENGB/NMSS  
415-6651

DISTRIBUTION: Ticket: ENGB-007

Central File M. Federline NMSS r/f ENGB r/f PUBLIC

DOCUMENT NAME: S:\DWM\ENGB\AKI\REVIEW

OFC	ENGB		ENGB		ENGB			
NAME	AIbrahim:cc		DBrooks		MBell			
DATE	12/5/96		12/5/96		12/5/96			

OFFICIAL RECORD COPY

ACNW: YES ☐ NO ☒  
IG : YES ☐ NO ☒  
LSS : YES ☐ NO ☒

Delete file after distribution: Yes ☒ No ☐

170060

9612170300 961205  
PDR ORG NRRA  
PDR

96-167  
NRC FILE CENTER COPY  
IA-1-27

delete ACNW