

RS 917-4

reuter stokes

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October 28, 1980

PROPOSED RULE PR *notice notice*
Reg Guide



Mr. A. S. Hintze
Division of Engineering Standards
Office of Standards Development
U. S. NUCLEAR REGULATORY COMMISSION
Washington, D. C. 20555

Re: Comments on Reg. Guide 1.97
Draft 3 of Rev. 2 (October 15, 1980)

Dear Mr. Hintze:

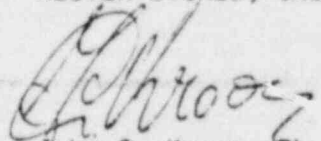
This letter serves as a follow-up to our telecon of October 24 to discuss corrections to Draft 3 of Rev. 2 to Reg. Guide 1.97 dated October 15, 1980. In particular the reference to Environs Radioactivity-Exposure Rate on pages 23, 30, 41 and 48. We agreed that under Type C (on p. 23) the range should read 10^{-4} to 10 R/hr. Under Type E (on p. 30) the category position is $28,11$ not 211 . Again Type C (on p. 41) category position is $28,11$ not 211 . Under Type E the category position should read $28,11$ not 211 .

Furthermore, I would like to restate that instruments to measure Type C and E variables for environs monitoring are readily available to cover the range of 10^{-6} to 10 R/hr. In fact, perimeter monitoring systems are to be installed at PWR reactor sites within the next two months by our company.

I look forward to meeting with you at the November 5 ACRS meeting.

Sincerely,

REUTER-STOKES, INC.


John C. Kroon, Ph. D.
Vice President
Applied Research and Development

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An announcement of
great importance to all
nuclear power station operators:

POOR ORIGINAL

Reuter-Stokes introduces the first and only Environmental Radiation Monitoring System designed to meet Rev. 2 of NRC Reg. Guide 1.97.

The Kemeny Report and recent NRC regulations have made it evident that every nuclear generating station must be prepared to continuously monitor the gamma exposure rate in the environs of the site from a background level of 10^{-6} R/hr to the

The new Reuter-Stokes Senti 1011 System, designed specifically for this application, has been evolving through nine years' successful field operation of its basic gamma ionization chamber and instrumentation. The present system goes far beyond the original concept, providing as many as sixteen remote monitoring stations, including instantaneous observation, to a central processing unit within the plant and/or at any other location chosen by the utility or by local or State health agencies. Pre-alarms and alarm functions are activated at any preset level, and plug-in computer compatibility allows the system's usefulness to grow as your needs change.

A demonstration Senti 1011 system is now in operation at the Reuter-Stokes headquarters in Cleveland, and the first full-system order has been received from a major Northeastern power company, for delivery beginning in May of this year.

Many utility executives have voiced a bonus benefit in improved public relations that will come with the arrival of the Senti 1011 Environmental Radiation Monitoring System. Not only will crucial real-time information become immediately available to the operator but a dubious public will see that steps are being taken to assure their safety and health.

We invite requests for technical literature on the Senti 1011 system. Or you may wish to visit our Cleveland plant for a hands-on demonstration; please phone for an appointment.

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