



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

JUN 30 1980

Mr. Rupert B. Southhard, Jr.
Chief, National Mapping Division
U. S. Geological Survey
MS 516
Reston, VA 22092

Dear Mr. Southhard:

This office is currently investigating the standardization and distribution of maps for each nuclear power plant site. These maps will be used primarily for emergency planning and response. We believe that by creating and promoting a standard map, we can increase the effectiveness of response to domestic nuclear facility emergencies by the participating organizations.

There appears to be a strong consensus that the foundation of such a project should be the USGS 7 1/2 minute quadrant maps. These maps have proved very effective in previous incidents due to the detail and abundance of information contained. In this connection, we are requesting that a priority effort be given to updating those quadrant maps containing all nuclear plant sites as well as those quadrants around each operating nuclear facility. As a second priority, we are very interested in updated versions of maps of areas where nuclear facilities are being built or are planned. The updating of the quadrant maps should include identifying the nuclear facility by name on those maps where they do not already appear. A list indicating the nuclear facility quadrant map status, including whether or not the plant is indicated on the map, is included for your information (Enclosure 1).

Mr. Frank Baxter of your staff has suggested, and we would concur in, a possible U.S.N.R.C. series for emergency response which would be composed of the site quadrant and surrounding quadrants. In any event, we appreciate the efforts of USGS in providing technical advice in our efforts to develop a standard map.

Enclosure 2 identifies those quadrant maps surrounding each nuclear facility plant site. These specific maps have significance in relation to the 10 mile radius associated with each facility's emergency planning zone. We believe that updating these maps is the first crucial step towards establishing a workable standard map for planning and response purposes.

It appears that some sites do not have 7 1/2 minute maps in any stage of completion. We would urge that in these few cases, the USGS would consider including those areas in the 7 1/2 minute mapping program.

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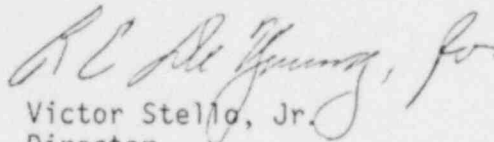
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Mr. Baxter also informs us that the USGS effort in this program will not be labor intensive. It is our hope that his suggested completion time of approximately one month after approval of the project is reasonable. In any event, we will be communicating with you on this subject.

Please contact Eric Weinstein of my staff concerning any questions or comments (492-9575). Thank you for your efforts on our behalf.

Sincerely,



Victor Stello, Jr.
Director
Office of Inspection
and Enforcement

Enclosures:
As stated