December 20, 2006

MEMORANDUM TO: Glenn Tracy, Director
Division of Construction Inspection
and Operational Programs
Office of New Reactors

Mark Cunningham, Director
Division of Fuel, Engineering,
and Radiological Research
Office of Nuclear Regulatory Research

A. Randolph Blough, Director
Division of Reactor Safety
Region I

Joseph W. Shea, Director
Division of Reactor Safety
Region II

Cynthia D. Pederson, Director
Division of Reactor Safety
Region III

Dwight D. Chamberlain, Director
Division of Reactor Safety
Region IV

/RA/

FROM: Elmo E. Collins, Director
Division of Inspection and Regional Support
Office of Nuclear Reactor Regulation

SUBJECT: REQUEST FOR STAFF SUPPORT IN IMPLEMENTATION OF RECOMMENDATIONS OF THE LIQUID RADIOACTIVE RELEASE LESSONS LEARNED TASK FORCE

This memorandum is to request your staff's part-time assistance on a working group to review and update various NRC regulatory guidance documents and inspection procedures to implement the recommendations of the Liquid Radioactive Release Lessons Learned Task Force (LLTF) ML062650312. The LLTF made several recommendations regarding the need for improvements in effluent and environmental monitoring regulatory guidance.

CONTACT: Timothy Frye, DIRS/NRR
301-415-9676

NRR/DIRS/IHPB is establishing a multi-office working group consisting of NRO/NRR/RES Health Physicists and Hydro-geologists to evaluate and implement these LLTF recommendations. Many of these recommendations can be implemented via revision of two regulatory guides related to radioactive effluents and environmental monitoring, and updating of the Public Radiation Cornerstone inspection procedure, as follows:

- RG 1.21, "Measuring, Evaluating, and Reporting Radioactivity in Solid Wastes and Releases of Radioactive Materials in Liquid and Gaseous Effluents from Light-Water-Cooled Nuclear Power Plants."

- RG 4.1 for "Programs for Monitoring Radioactivity in the Environs of Nuclear Power Plants," but currently, RG 4.1 has been superseded by the Branch Technical Position (BTP), Revision 1, 1979, "An Acceptable Radiological Environmental Monitoring Program," contained in NUREG - 130I and 1302. We plan on revising RG 4.1 and superseding the BTP.

- IP 71122, Public Radiation Safety

NRR/DIRS/IHPB and RES have agreed that NRR will take the technical lead in preparing these revisions. Once the technical work on the Regulatory Guides has been completed, RES would then assume the responsibility for completing the formal reviews and approvals, and publish the regulatory guides in both draft and final forms.

NRR/DIRS/IHPB is requesting support from NRO and each of the NRR regional HP inspection staffs to provide one senior HP on a part-time basis to support this working group over the upcoming year. We are also requesting RES to provide 1 Health Physicist and 1 Hydro-geologist to this Regulatory Guide working group. An Agreement State representative, the Manager of the Florida Bureau of Radiation Protection, Environmental Section has also agreed to participate in the working group.

We are estimating a time commitment of approximately 20 hours per month to support the working group, including periodic trips to HQ for one-day working group meetings. Support would be needed for 9-12 months, starting in early January, 2007. Attached is a work plan with a tentative schedule that will be revised as the working group forms and finalizes work plans and schedules.

Time charged for this effort would be charged to TAC No. MD2962.

Enclosure:
As stated

cc: Sher Bahadur
William Ott
Stephanie Bush-Goddard

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DISTRIBUTION:

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IHPB R/F	B. Moroney
T. Frye	SGarry

cc: Sher Bahadur
William Ott
Stephanie Bush-Goddard

Accession Number: ML063480295

OFFICE	DIRS/IHPB	BC:DIRS/IHPB	DD:DIRS/NRR	D:DIRS:NRR
NAME	SGarry	TFrye	SRichards	EECollins
DATE	12/14/06	12/14/06	12/ 19/06	12/ 20 /06

OFFICIAL RECORD COPY

Draft Work Plan for LLTF Recommendations (primarily RG 4.1 and RG 1.21 Revisions)

In order to implement recommendations from the LLTF report on unplanned liquid releases, HQ/DIRS/IHPB is initiating a revision of the following documents:

- RG 1.21, "Measuring, Evaluating, and Reporting Radioactivity in Solid Wastes and Releases of Radioactive Materials in Liquid and Gaseous Effluents from Light-Water-Cooled Nuclear Power Plants."

- RG 4.1 for "Programs for Monitoring Radioactivity in the Environs of Nuclear Power Plants." Currently, RG 4.1 has been superseded by the Branch Technical Position, Revision 1, 1979, "An Acceptable Radiological Environmental Monitoring Program," contained in NUREG -1301 and 1302. We plan on revising RG 4.1 and superseding the BTP.

- IP 71122, Public Radiation Safety

<u>Tentative Schedule (to be adjusted by working group upon first meeting):</u>

January 30, 31 -	2 day Kickoff meeting: Working group meeting will meet at Headquarters for an initial discussion on the objectives of the working group, development of a work schedule, and perform an initial review with an opportunity to provide early comments.
February (TBD) -	1 day, monthly meeting to discuss working group comments and prepare initial draft Reg Guides. Meet with industry/NEI/Public to solicit comments.
March (TBD) -	1 day, working group meeting (dates TBD based on regional schedules) at HQ to review and finalize initial drafts.
April (TBD) -	Drafts sent out for NRC internal office review.
May (TBD) -	Comments from NRC internal office review due to NRC HQ by May 1, 2007. Final drafts are targeted for issuance for public comment by June 1, 2007.
June (TBD) -	Public comments will be due to NRC by July 30, 2007.
August (TBD) -	Final draft prepared and submitted to Research for processing.
September (TBD) -	Draft Inspection Procedure changes

Enclosure