

Allegation Receipt Report
(Use also for Staff Suspected Wrongdoing)

Date Received: _____ Allegation No. RI- A-
Received via: Telephone In-person Letter Facsimile (leave blank)

Employee Receiving Allegation or suspecting wrongdoing (first two initials and last name): **M. K. Gray**

Source of information (please check one box) _____

Allegor Name: _____ Home Address: _____
Home Phone: _____ City/State/Zip: _____

Allegor's Employer: Public Service Electric and Gas : _____ Allegor's Position/Title: _____
* Do not complete these sections for issues of staff suspected wrongdoing.

Facility: Hope Creek Docket No. or License No.: 50-354

Was allegor informed of NRC Identity protection policy? Yes No _____
If H&I was alleged, was allegor informed of DOL rights? Yes _____ No _____ N/A
If a licensee employee or contractor, did they raise the issue to their management and/or ECP? Yes _____ No N/A _____
Does the allegor object to referral of issues to the licensee? Yes _____ No _____

Provide allegor's direct response to this question verbatim on the line below:
"I do not object to the allegation being referred as long as my name, and other names are not included."

Was confidentiality requested? Yes _____ No
Was confidentiality initially granted? Yes _____ No _____ N/A
Individual Granting Confidentiality: _____

Criteria for determining whether the issue is an allegation:

Is it a declaration, statement, or assertion of impropriety or inadequacy? Yes / No
Is the Impropriety or inadequacy associated with NRC regulated activities? Yes / No
Is the validity of the issue unknown? Yes / No
If No to any of the above questions, the issue is not an allegation and should be handled by other appropriate methods (e.g. as a request for information, public responsiveness matter, or an OSHA referral).

Allegation Summary or staff suspected wrongdoing: (Recipient of the allegation shall summarize each concern here - provide additional detail on reverse side of form, if necessary. **If entering allegation electronically, highlight Allegation Summary in bold and use larger font size)**

Background provided by SRI: On March 13, (Saturday) an equipment operator identified a banging noise coming from the a pipe penetration into the drywell. The pipe is the A shutdown cooling return line to the a recirculation pump discharge pipe loop. PSEG formed a technical issues team and identified possible causes and next steps to investigate. One possible cause was recirculation pump speed may be causing excitation in the piping, causing the check valve in the drywell to pulse open and closed. The tech issues document indicated plans were being considered to vary recirc pump speed and monitor the noise to see if it changed. Additionally, on Tuesday, March 16, Hope Creek management announced a decision to shutdown the plant on Friday, March 19, for a forced maintenance outage. One reason was to investigate the banging noise. Plans were being made to walkdown the line after de-inerting the d/w.

On March 16, NRC SRI indicated to PSEG management his observations that actions to eliminate the causes of the banging were not being pursued commensurate with the potential significance of the problems, that actions to instrument the RHR line to better characterize the noise were not being pursued, that the loose parts monitor system was not available for use as described in the SAR, and that the basis for operability was not documented. On Wednesday, March 17, the inspector was advised by PSEG management that a specialist

Information in this record was deleted in accordance with the Freedom of Information Act, exemptions 2c, 2d, 3, 5, 7, 8, 9, 11, 12, 13, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100.

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Vendor would be onsite at noon to install instrumentation to better identify and pinpoint the banging noise, that a plan to vary recirc speed and monitor the noise with this instrumentation was being developed, and that consultations with GE and BWR owners group specialist were underway. Additionally PSEG documented the basis for operability in notification 20181388.

Allegation on March 16:

The allegor was the [REDACTED]. He joined the team on Monday, March 15. Prior to the team meeting, the allegor discussed with [REDACTED] the progress made over the weekend. In this regard, the allegor stated that on Sunday, [REDACTED] had suggested that the recirculation pump speed be varied to see if the noise went away. When suggested, he received significant "flashback" that indicated to the allegor that it should not be suggested again. (The allegor did not know what was stated or the person who responded to [REDACTED])

On Monday during a team meeting, [REDACTED] asked if RHR pipe is banging, and they don't know what it is, why are they operating? The allegor indicated the response from the Operations representative was that was that they have another loop of shutdown cooling (SDC). Allegor indicated he believed this was unsatisfactory, but did not state so because he was concerned with being labeled a troublemaker and he may lose his job. 7c

On Tuesday March 16, allegor attended team meeting. Prior to meeting, it was announced that management intended to take plant offline Friday (March 19). Allegor stated this was made without recommendation from team as to cause of noise. Additionally actions such as recirculation pump speed variation to see if the noise was eliminated were not being pursued. Allegor believes that if PSEG does not know the cause of the banging noise in RHR piping, and has not taken all reasonable actions to eliminate noise, they should shutdown.

The allegor added the following on March 17, and reiterated his position: Allegor indicated that Sr management [REDACTED] was previously not open to responses from the allegor. During a morning management meeting that included an update from the allegor, [REDACTED] questioned three items in regard to [REDACTED] (1) why is the SLC discharge valve radiographed? (2) Why is the [REDACTED] band for RHR so tight? (3) Why is HPCI started in auto during [REDACTED]? When allegor tried to answer, he indicated [REDACTED] held up his hand and said he didn't want the answer there. The allegor's manager indicated they would be responded to via the corrective action program. However, the allegor did not initiate notifications. Instead the response was forwarded by voicemail as to why these actions were necessary. No changes were made in this regard to the [REDACTED] by the allegor. The allegor interpreted this as [REDACTED] was not approachable. He characterized him as a "loose cannon."

Functional Area (please check one box):

- Academic Decommissioning Materials Decommissioning Reactor Exempt Distribution
 General Licensee Gun Sights Irradiators Medical Nuclear Gauges Nuclear Laundry
 Nuclear Pharmacy Power Reactor Radiography Research and Development (R&D)
 Research/Test Reactor Safeguards SNM Teletherapy Transportation Vendor
 Veterinary Non-human Waste Disposal Well Logging Other: _____

Discipline for each concern (place the concern no(s). (either 1, 2, 3, etc.) in the box provided):

- Chemistry Chilling Effect Civil/Structural Construction Corrective Action
 Discrimination Electrical Emergency Preparedness Employee Concerns Program
 Engineering Environmental Environmental Qualification Falsification Fire Protection
 Fitness-for-Duty Health Physics HVAC Industrial Safety Inservice testing
 Instrumentation and Control Maintenance Mechanical Misadministration NDE
 Operations Procurement Quality Assurance Radwaste Safeguards Security
 Source disconnect Startup testing Training/qualification Transportation Unsupervised
 Radiography Wrongdoing Other: _____

Detailed Description of Allegation or staff suspected wrongdoing: (Do not state the alleged's name in this section - simply refer to the individual as the alleged)

When taking the allegation, ask questions such as

WHAT IS THE ALLEGATION?

WHAT IS THE REQUIREMENT/VIOLATION?

WHERE IS IT LOCATED?

WHEN DID IT OCCUR?

WHO IS INVOLVED/WITNESSED?

HOW/WHY DID IT OCCUR?

WHAT EVIDENCE CAN BE EXAMINED?

WHAT IS THE STATUS OF THE LICENSEE'S ACTIONS?

How did the alleged find out about the concern(s); other individuals NRC should contact for additional information; records NRC should review; whether the alleged raised the concerns with his or her management; alleged's preference for method and time of contact.