| U.S. NUCLEAR REGULATORY COMMISSION                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |                    |     | Date:              | 7/21/2006                                                                         |                         |  |  |
|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|--------------------|-----|--------------------|-----------------------------------------------------------------------------------|-------------------------|--|--|
| TELEPHONE CONVERSATION RECORD                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |                    |     | Time:              | 2:30 pm                                                                           |                         |  |  |
| Mail Control 138765<br>or Report No(s).                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      | 29-10173-02        |     |                    | Docket No(s).                                                                     | 03002525                |  |  |
| Name of Licensee:                                                                                                                 | Robert Wood Johnson University Hospital                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |      |                    |     |                    |                                                                                   |                         |  |  |
| Name of Participant(s):                                                                                                           | Venkat Narra, Ph.D., Medical Physicist                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |      |                    |     |                    |                                                                                   |                         |  |  |
| Telephone No.                                                                                                                     | 732-253-3939                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |      |                    |     |                    |                                                                                   |                         |  |  |
| Subject:<br>(NOTE: This will be used as the<br>Documents Title in ADAMS)                                                          | Void amendment request to add HDR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |                    |     |                    |                                                                                   |                         |  |  |
| Summary:                                                                                                                          | I spoke with Dr. Narra regarding the Robert Wood Johnson University Hospital (RJW) amendment request to authorize HDR use. I explained that we would be voiding the request because additional information was still needed regarding the following items:                                                                                                                                                                                                                                                                                                                                                                                                                       |      |                    |     |                    |                                                                                   |                         |  |  |
|                                                                                                                                   | 1. Submit detailed, step-by-step daily spot check procedures for HDR treatments.<br>For instance, "The door interlock is tested by opening the door and confirming that the source retracts into the shielded position."                                                                                                                                                                                                                                                                                                                                                                                                                                                         |      |                    |     |                    |                                                                                   |                         |  |  |
|                                                                                                                                   | <ol> <li>Please update your Emergency Procedures for the VariSource HDR Remote<br/>Afterloader to include the physical presence requirement for the authorized<br/>medical physicist during HDR treatments which RWJ committed to in the letter<br/>dated 7/18/2006.</li> </ol>                                                                                                                                                                                                                                                                                                                                                                                                  |      |                    |     |                    |                                                                                   |                         |  |  |
|                                                                                                                                   | 3. Please submit the actual shielding calculations for each location (i.e., adjacent areas) described in the table submitted in the letter dated 7/21/2006. Provide the actual type, thickness and density of shielded material to be used in the HDR room. Include information on the maximum "on time" per hour and per week and occupancy factors for all adjacent areas.                                                                                                                                                                                                                                                                                                     |      |                    |     |                    |                                                                                   | 6. Provide<br>ed in the |  |  |
|                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |                    |     |                    | nis request to be approved as an authorized<br>an could not be authorized for HDR |                         |  |  |
|                                                                                                                                   | Dr. Narra stated that, because the HDR treatment room construction will not be completed for approximately one year, RJW is considering performing HDR treatments in an existing LINAC room in the interim. He stated that RJW has not made this decision yet and it is acceptable to void this amendment request. I informed Dr. Narra that if RJW wants to perform HDR treatments in the LINAC room, they must submit all the required information including diagrams, adjacent area information and shielding calculations. Dr. Narra stated that once RJW decides their next step, they will submit the additional information required including the items discussed above. |      |                    |     |                    |                                                                                   |                         |  |  |
| Action Required: Void action (mail control no. 138765). Licensee will re-submit request once additional information is available. |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |                    |     |                    |                                                                                   |                         |  |  |
| Document Availability:                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Х    | Publicly Available |     |                    | Non-Publicly                                                                      | Available               |  |  |
| X Non-Sensitive                                                                                                                   | Non-Sensitive Copyright Se                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |                    | Ser | nsitive            | Sensitive                                                                         | e Copyright             |  |  |
| Immediate Release                                                                                                                 | X Normal Release                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |                    |     | Delay Release Date |                                                                                   |                         |  |  |
| Prepared & SISP Review Completed By:                                                                                              | / <b>RA</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | / D. | Janda              |     | Date               | : 7/21/06                                                                         |                         |  |  |