**Barrier Analysis**

**Methodology**

* 1. Identify and list the consequences.
  2. Identify and list the failed barriers in place for each consequence.
  3. Determine why (causes) the barriers failed (e.g., procedure not followed correctly)
  4. Verify the results.
  5. Develop corrective actions for each of the causes.

**Barrier Analysis Worksheet\***

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Consequence | Barrier | Why Failed | Results | Corrective Actions |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

**What-If Analysis Worksheet\***

|  |  |  |  |
| --- | --- | --- | --- |
| What-If | Consequences/Hazard | Safeguards | Recommendations |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

\* Hazard and Barrier Analysis Guidance Document, 1996