Lessons Learned and Best Practices from the Pandemic

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Masato Hori
Sequence of Events in JAEA under COVID-19 Pandemic

January 16, 2020  1st COVID-19 case in Japan
February 28, 2020  COVID-19 Response Headquarter was established in JAEA

Several actions were taken based on the Pandemic Influenza Preparedness Action Plan

April 7 - May 6, 2020  1st State of Emergency
July 19, 2020  1st COVID-19 case in JAEA

January 7 – March 1, April 25 – May 31, July 12 – September 31, 2021
2nd, 3rd and 4th State of Emergency

Number of COVID-19 new cases in Japan (情報: NHKまとめ) and State of Emergency in Japan
Pandemic Influenza Preparedness Action Plan

• Along with the “Act on Special Measures against New Influenza, etc. ” (enforced in 2013 to use 2002 SARS Pandemic and 2009 H1N1 pandemic experiences for future pandemic), the Pandemic Influenza Preparedness Action Plan was established

• Several actions were taken such as;
  • establishment of headquarters
  • emergency contact setup
  • information collection and sharing
  • preparation of Business Continuity Plan (BCP)
**Business Continuity Plan (BCP)**

- BCP differentiates activities into 5 categories and prioritize activities
- Develop manpower planning for 3 different stages

<table>
<thead>
<tr>
<th>Category</th>
<th>1st stage outbreak in abroad</th>
<th>2nd stage outbreak in Japan</th>
<th>3rd stage pandemic in Japan</th>
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<tbody>
<tr>
<td>Essential</td>
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<td>Safety, Security, Safeguards activities</td>
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<td>High priority</td>
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<td>Priority</td>
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<td>Support</td>
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<td>Other</td>
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3rd stage assume max 40% of staff infected or in close contacted with a patient
ISCN’s Actions

• ISCN has no “essential” category activity
• Operation of CTBT radionuclide monitoring station and national data center for nuclear test monitoring categorized as “high priority”.
  • CTBT team divided into two groups and work separately
• Developed online training with e-learning, exercises using virtual tours, etc.
Lessons Learned and Best Practices from the Pandemic

1. Improve preparedness
   • Law, action plan, maintain stock

2. Adjust to new workstyle

3. Innovative concepts and technologies to maintain effectiveness and efficiency of security and safeguards nuclear facility